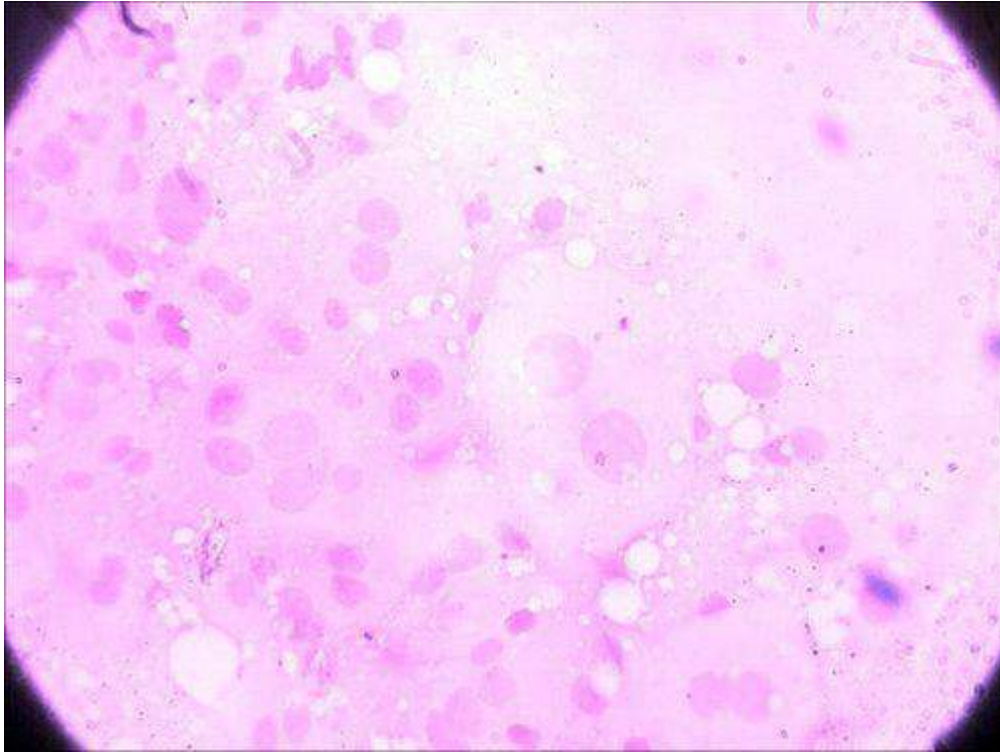


**Тест: "HISTOLOGY - EXAM (EN) 80x80".**

Группа: **EN ПРАКТИКА 40.qst**

**Задание №1**

Name this slide:



Выберите один из 4 вариантов ответа:

1)	+	Amitotic division (amitosis)
2)	-	Mitosis
3)	-	Glycogen inclusions
4)	-	Fat inclusions

**Задание №2**

Which process is marked as 1 on this slide?



Выберите один из 5 вариантов ответа:

1)	+	Cytokinesis of the mitosis
2)	-	Karyokinesis of the mitosis
3)	-	Metaphase of the mitosis
4)	-	Interphase of the mitosis
5)	-	Prophase of the mitosis

### Задание №3

Which process is marked as 1 on this slide?

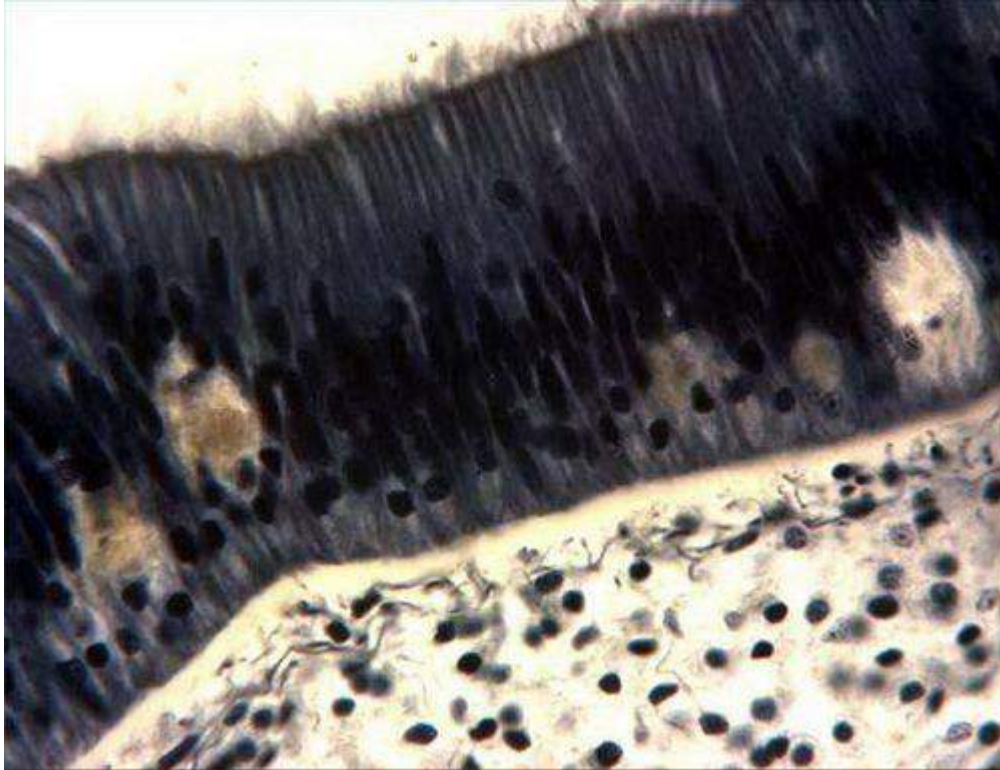


Выберите один из 5 вариантов ответа:

1)	+	Karyokinesis of the amitosis
2)	-	Cytokinesis of the amitosis
3)	-	Metaphase of the mitosis
4)	-	Interphase of the mitosis
5)	-	Prophase of the mitosis

**Задание №4**

Name this slide:

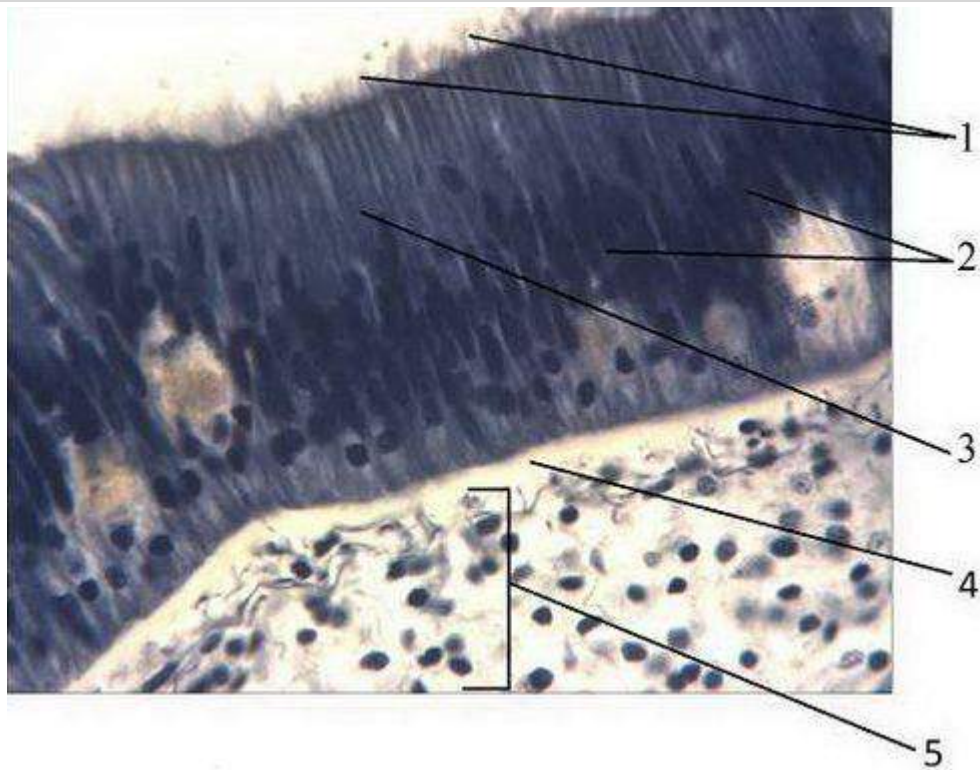


Выберите один из 4 вариантов ответа:

1)	+	Ciliated epithelium
2)	-	Stratified squamous keratinised epithelium
3)	-	Stratified squamous nonkeratinised epithelium
4)	-	Simple columnar epithelium

**Задание №5**

Which of the following structures are marked as 1?

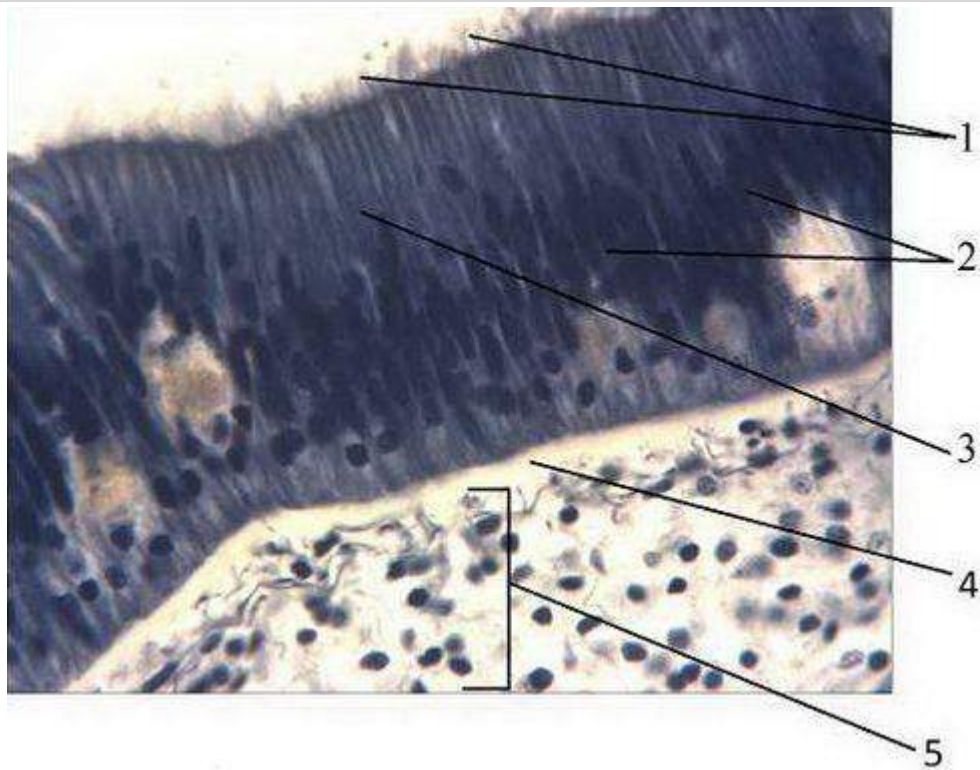


Выберите один из 4 вариантов ответа:

1)	+	Cilia
2)	-	Microvilli
3)	-	Stereocilia
4)	-	Microtubule

**Задание №6**

Which of the following is marked as number 5?

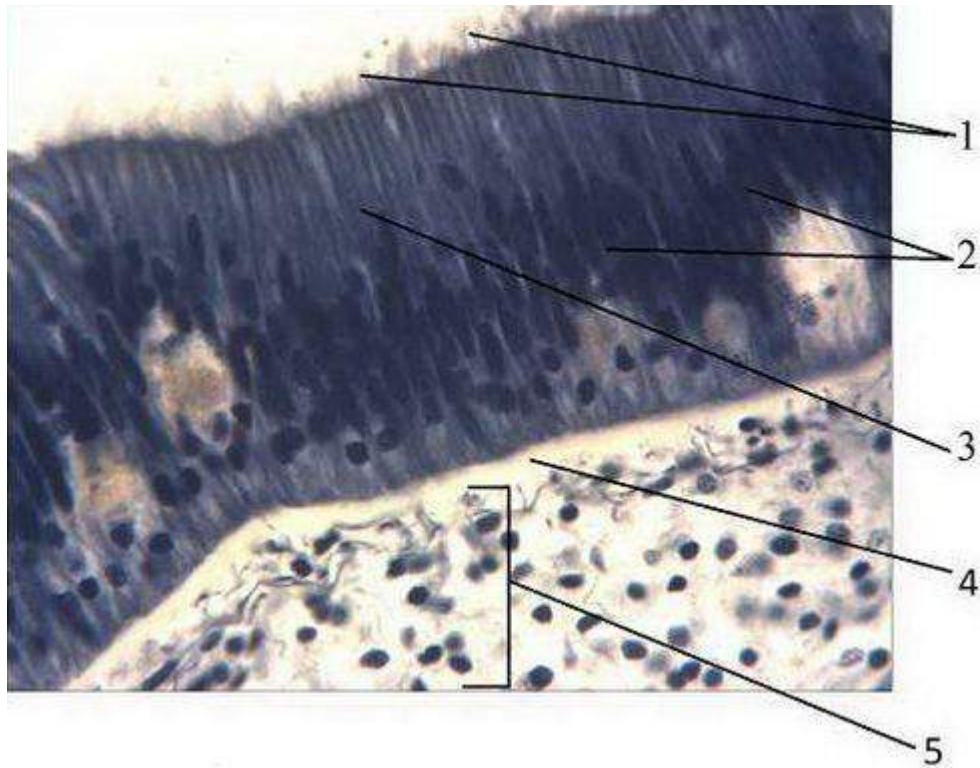


Выберите один из 4 вариантов ответа:

1)	+	Loose connective tissue
2)	-	Reticular tissue
3)	-	Smooth muscle tissue
4)	-	Adipose tissue

**Задание №7**

Which of the following is marked as number 4?

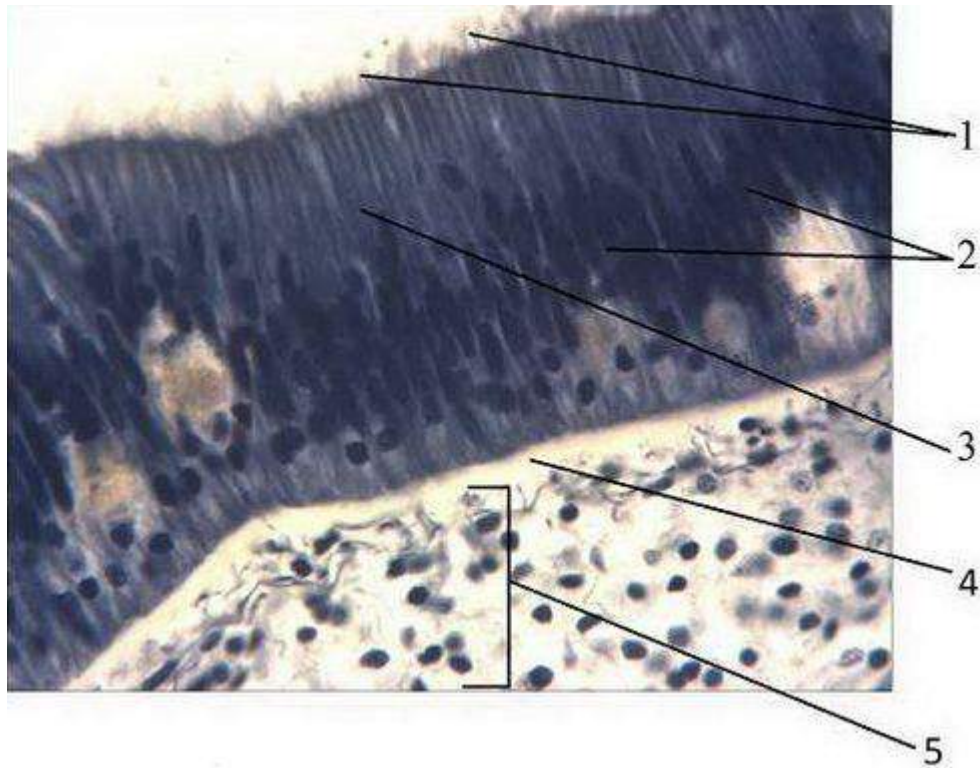


Выберите один из 4 вариантов ответа:

1)	+	Basal lamina
2)	-	Collagen fibers
3)	-	Extracellular matrix
4)	-	Loose connective tissue

**Задание №8**

Which of the following is marked as number 2?

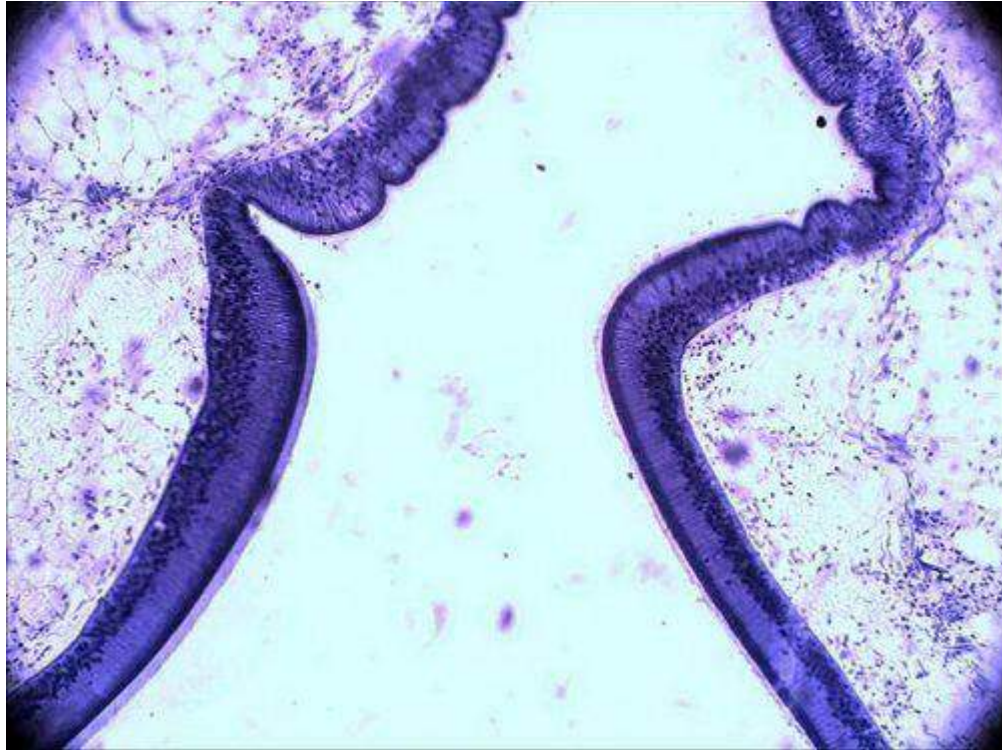


Выберите один из 4 вариантов ответа:

1)	+	Nuclei of the pseudo-stratified ciliated epithelium
2)	-	Nuclei of stratified nonkeratinised epithelium
3)	-	Nuclei of stratified keratinised epithelium
4)	-	Nuclei of simple columnar epithelium

**Задание №9**

Name this slide:



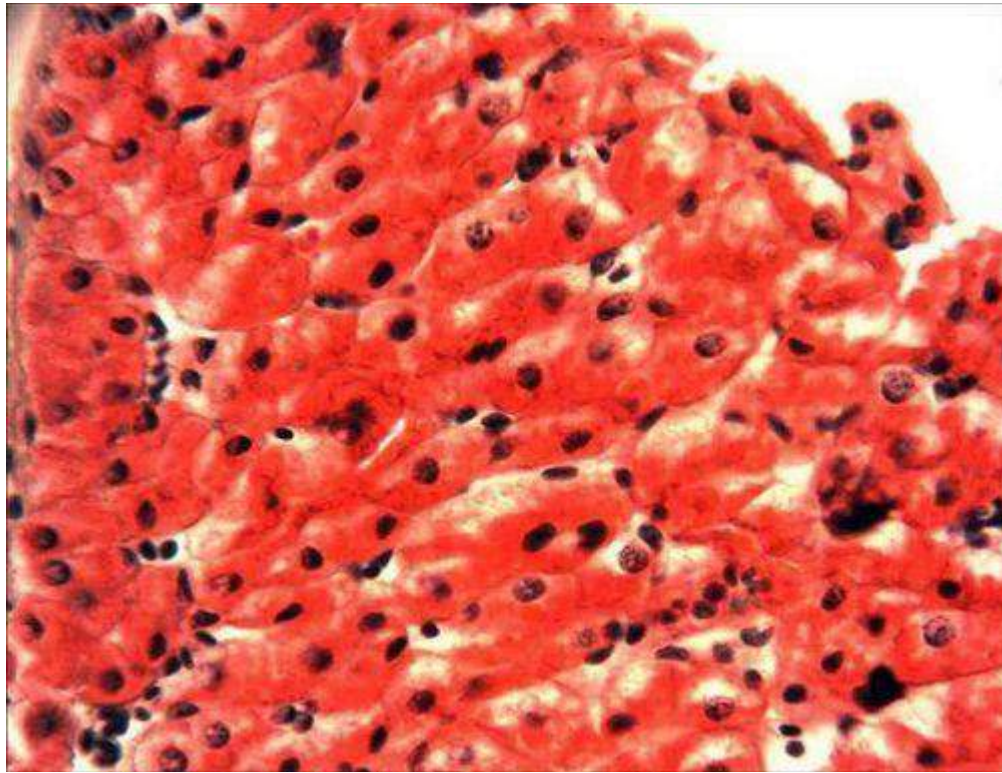
Выберите один из 4 вариантов ответа:

1)	+	Ciliated epithelium
2)	-	Simple columnar epithelium
3)	-	Stratified squamous keratinised epithelium
4)	-	Stratified squamous nonkeratinised epithelium

**Задание №10**

Name this slide:



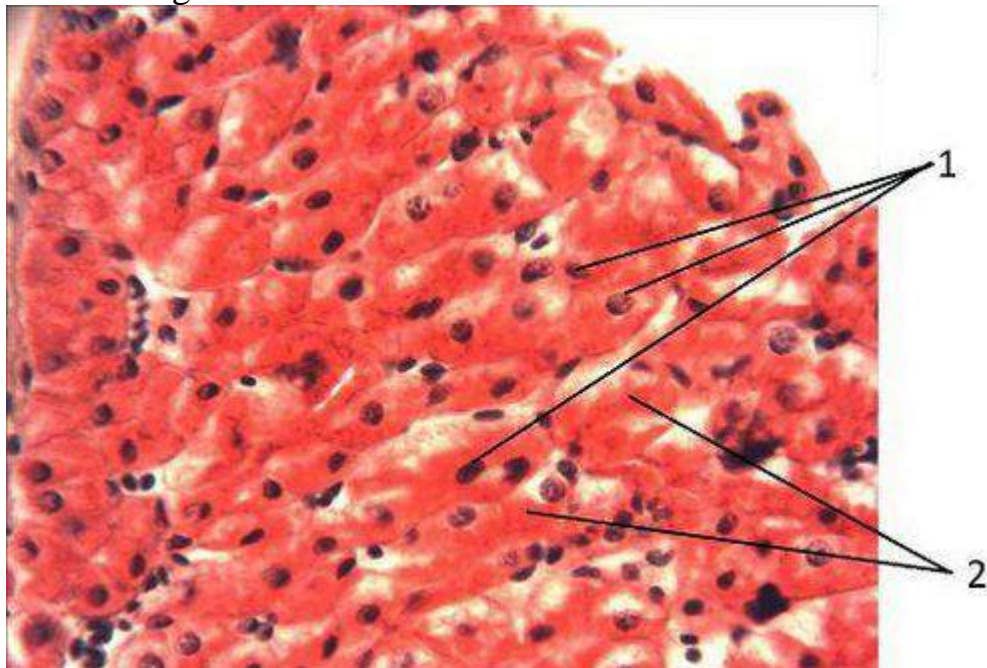


Выберите один из 4 вариантов ответа:

1)	+	Glycogen inclusions
2)	-	Protein inclusions
3)	-	Amitosis
4)	-	Fat inclusions

**Задание №11**

Which of the following is marked as number 1?

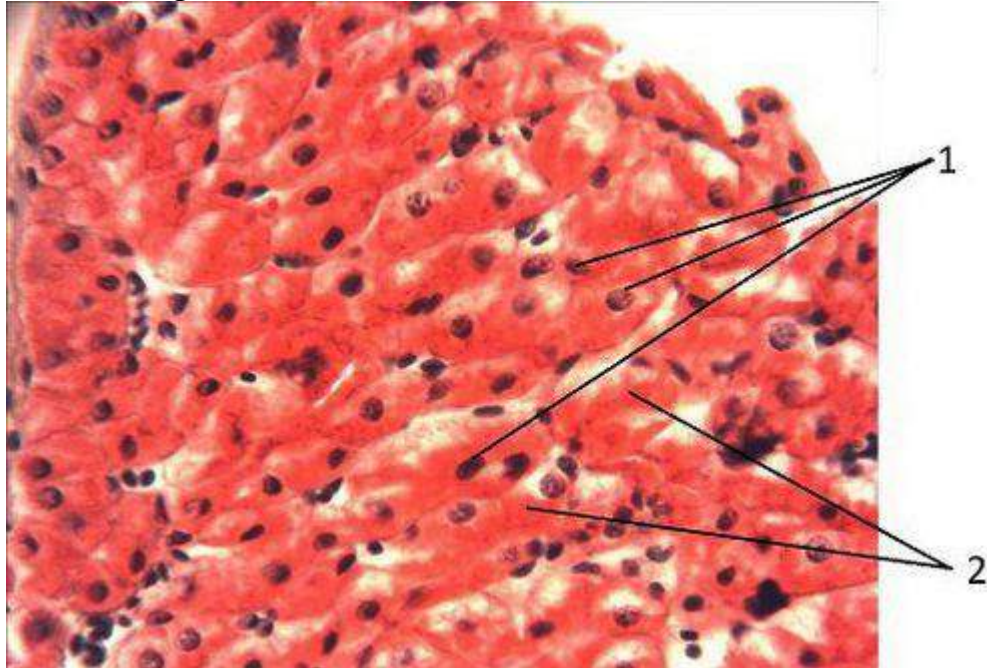


Выберите один из 4 вариантов ответа:

1)	+	Nuclei into cells which contain glycogen inclusions
2)	-	Nuclei into cells which contain fat inclusions
3)	-	Nuclei into cells which contain protein inclusions
4)	-	Nuclei into cells which contain enzyme inclusions

**Задание №12**

Which of the following is marked as number 2?

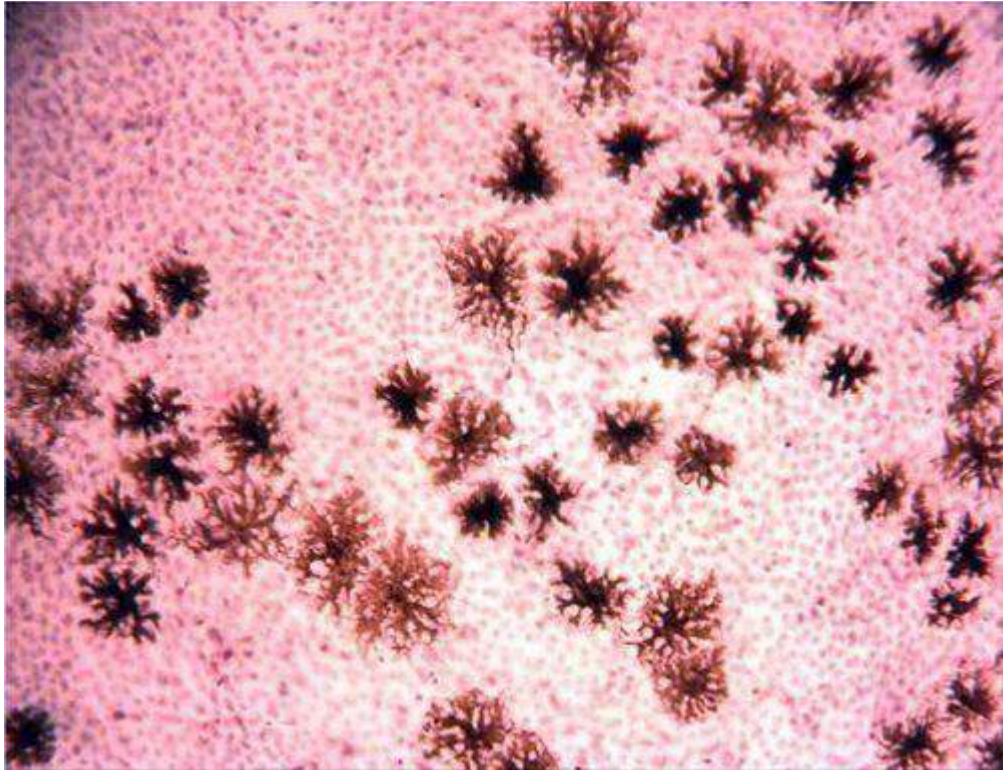


Выберите один из 4 вариантов ответа:

1)	+	Glycogen inclusions
2)	-	Fat inclusions
3)	-	Protein inclusions
4)	-	Enzyme inclusions

**Задание №13**

Name this slide:

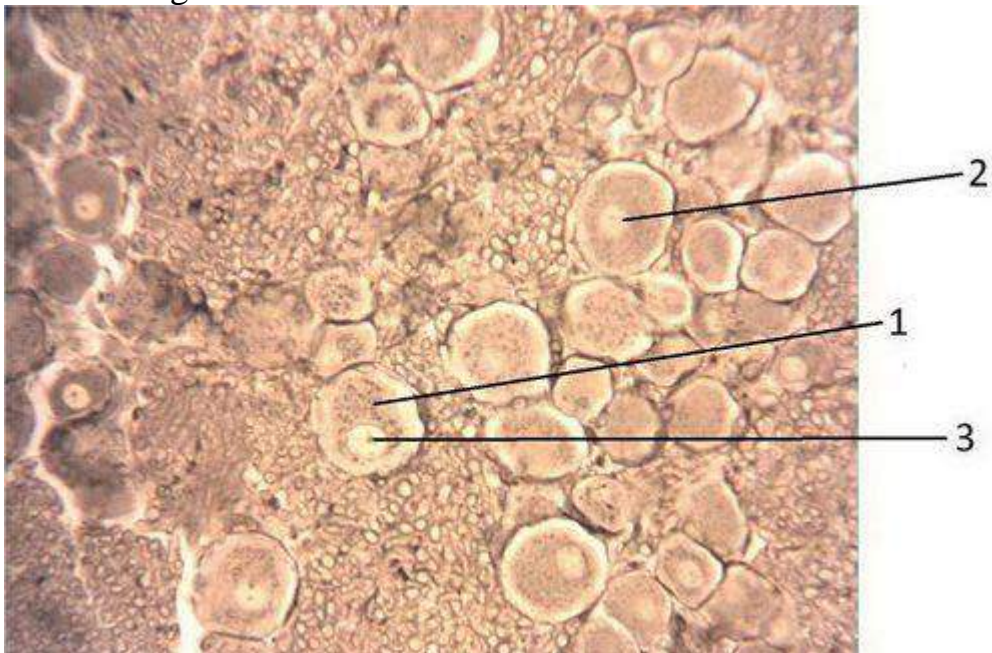


Выберите один из 4 вариантов ответа:

1)	+	Pigment inclusions
2)	-	Glycogen inclusions
3)	-	Fat inclusions
4)	-	Protein inclusions

#### Задание №14

Which of the following is marked as number 1?



Выберите один из 4 вариантов ответа:

1)	+	Golgi apparatus
2)	-	Pigment inclusions
3)	-	Fat inclusions
4)	-	Mitochondria

**Задание №15**

Which of the following is marked as number 2?



Выберите один из 4 вариантов ответа:

1)	+	Nuclei into cells, which contain dictyosomes Golgi apparatus
2)	-	Nuclei into cells, which contain adipose inclusions
3)	-	Nuclei into cells, which contain protein inclusions
4)	-	Nuclei into cells, which contain enzyme inclusions

**Задание №16**

Which of the following is marked as number 3?

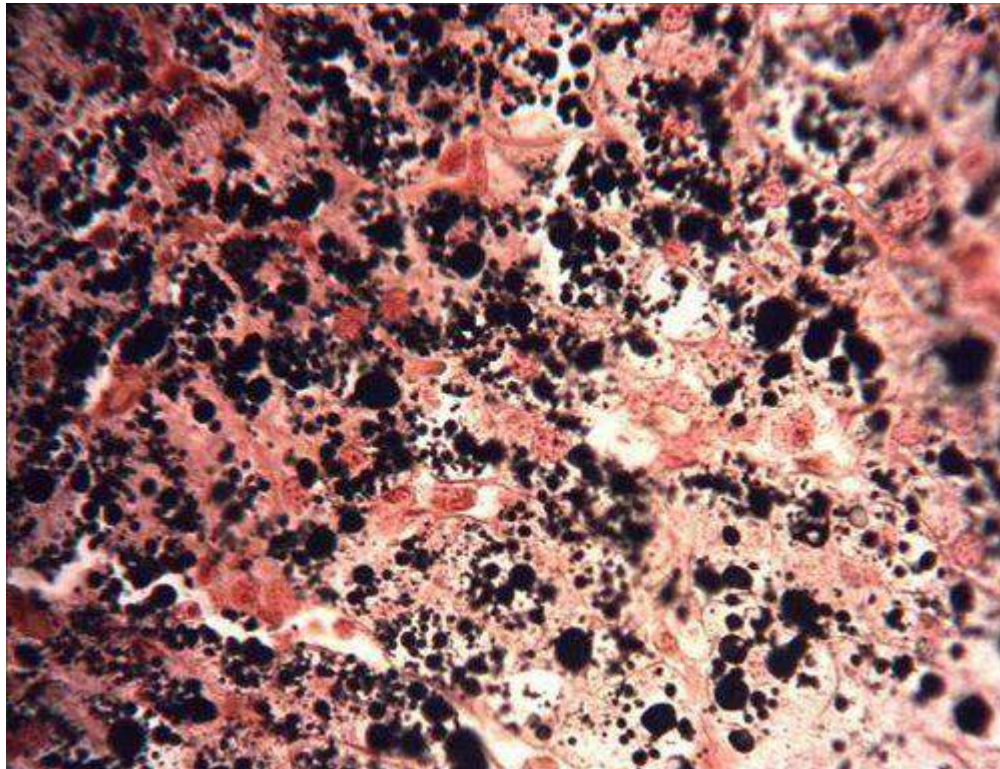


Выберите один из 4 вариантов ответа:

1)	+	Nucleolus into cells, which contain dictyosomes Golgi apparatus
2)	-	Nucleolus into cells, which contain adipose inclusions
3)	-	Nucleolus into cells, which contain protein inclusions
4)	-	Nucleolus into cells, which contain enzyme inclusions

#### Задание №17

Name this slide:

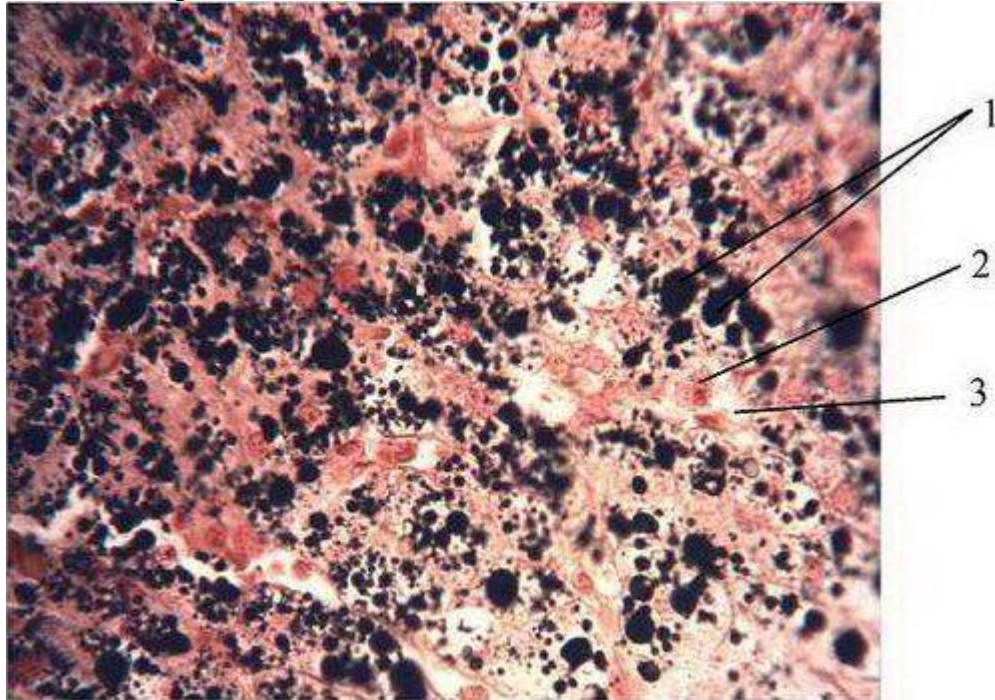


Выберите один из 4 вариантов ответа:

1)	+	Adipose inclusions
2)	-	Pigment inclusions
3)	-	Glycogen inclusions
4)	-	Protein inclusions

**Задание №18**

Which of the following is marked as number 2?

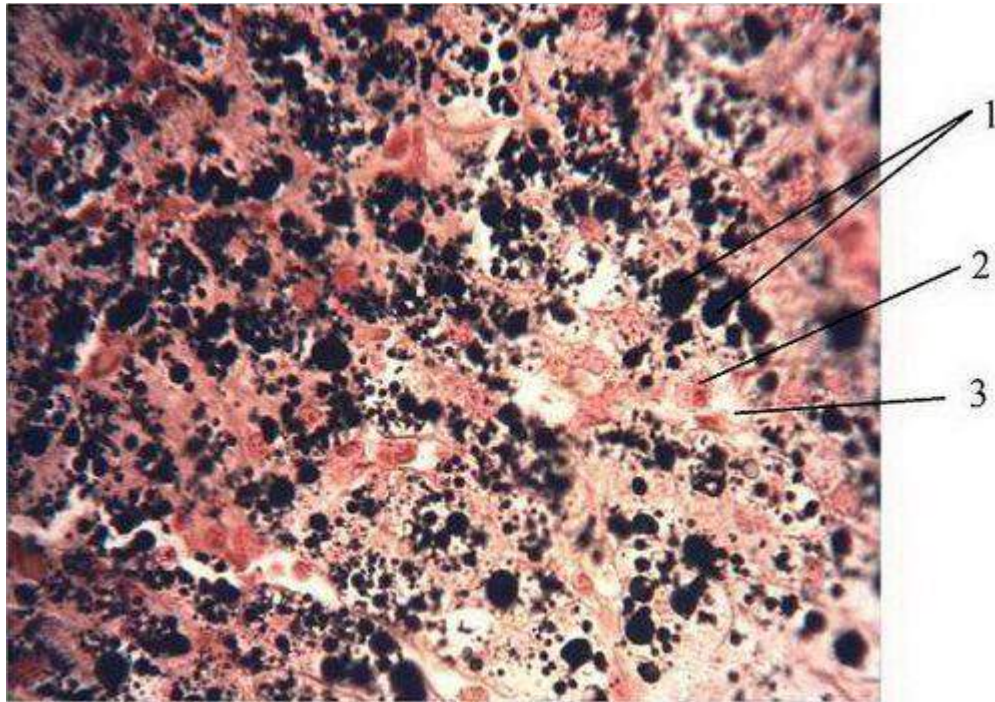


Выберите один из 4 вариантов ответа:

1)	+	Nucleolus of the cells, which has adipose inclusions
2)	-	Nucleolus of the cells, which has protein inclusions
3)	-	Nucleolus of the cells, which has enzyme inclusions
4)	-	Nucleolus of the cells, which has glycogen inclusions

**Задание №19**

Which of the following is marked as number 3?

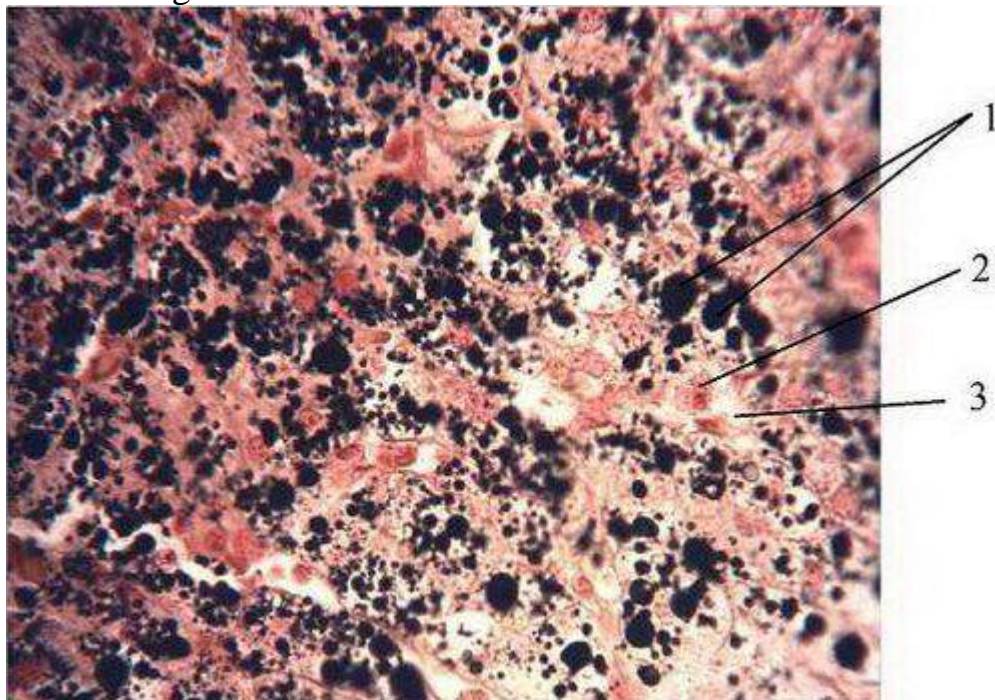


Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | Cytoplasm of the cells, which has adipose inclusions  |
| 2) | - | Cytoplasm of the cells, which has protein inclusions  |
| 3) | - | Cytoplasm of the cells, which has enzyme inclusions   |
| 4) | - | Cytoplasm of the cells, which has glycogen inclusions |

#### Задание №20

Which of the following is marked as number 1?

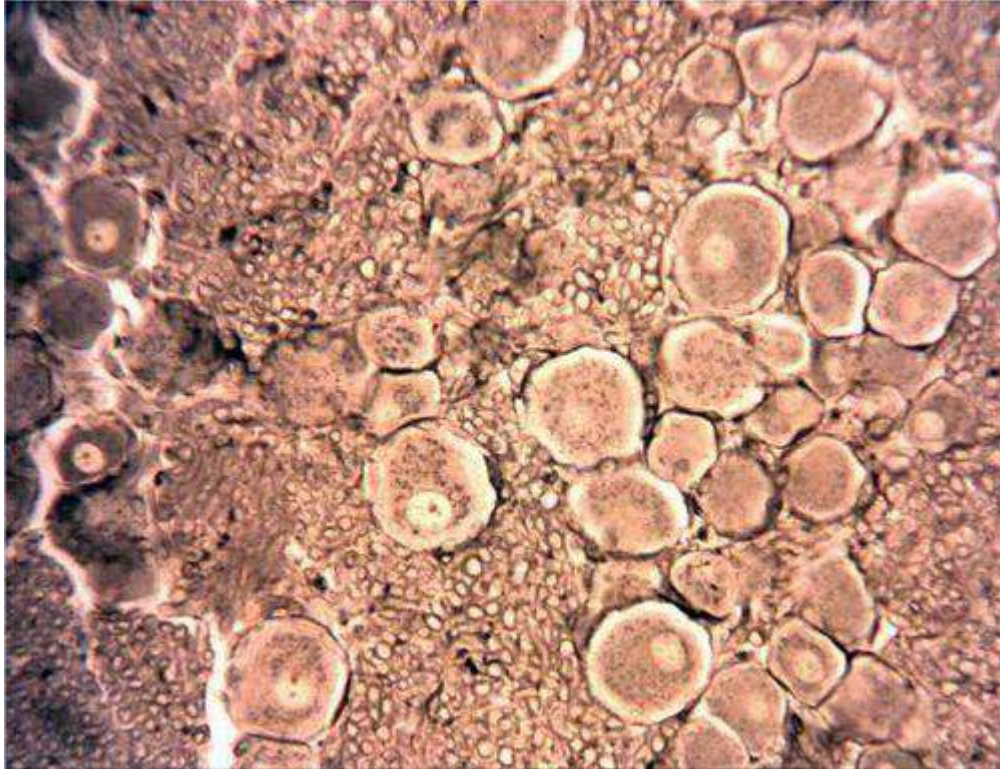


Выберите один из 4 вариантов ответа:

1)	+	Lipid droplets
2)	-	Pigment inclusions
3)	-	Glycogen inclusions
4)	-	Protein inclusions

**Задание №21**

Name this slide:



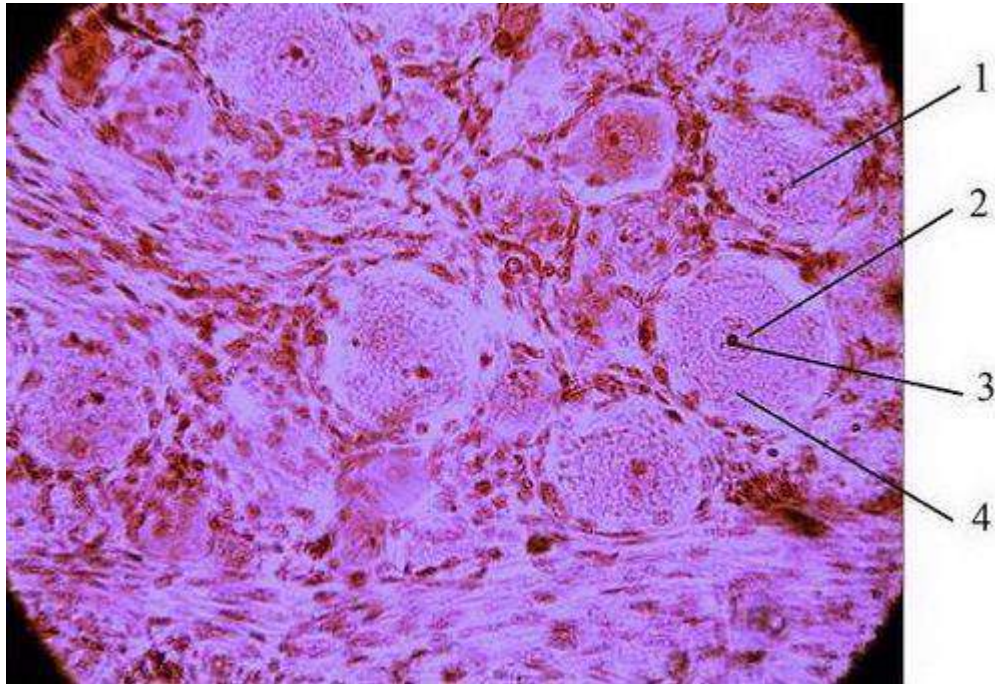
Выберите один из 4 вариантов ответа:

1)	+	Golgi apparatus
2)	-	Mitochondria
3)	-	Adipose inclusions
4)	-	Glycogen inclusions

**Задание №22**

Blocks of the different shapes that are located in the nucleus and marked as 1 are:



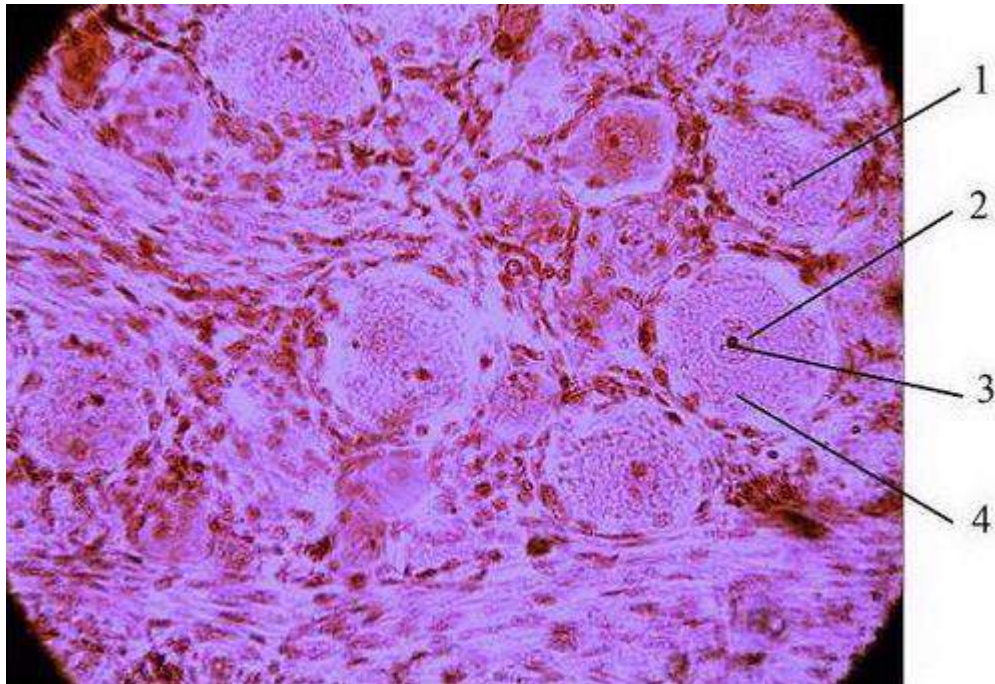


Выберите один из 4 вариантов ответа:

1)	+	Heterochromatin
2)	-	Euchromatin
3)	-	DNA chain
4)	-	rRNA

### Задание №23

The most intensive colored structure of the nucleus marked as 3 is:



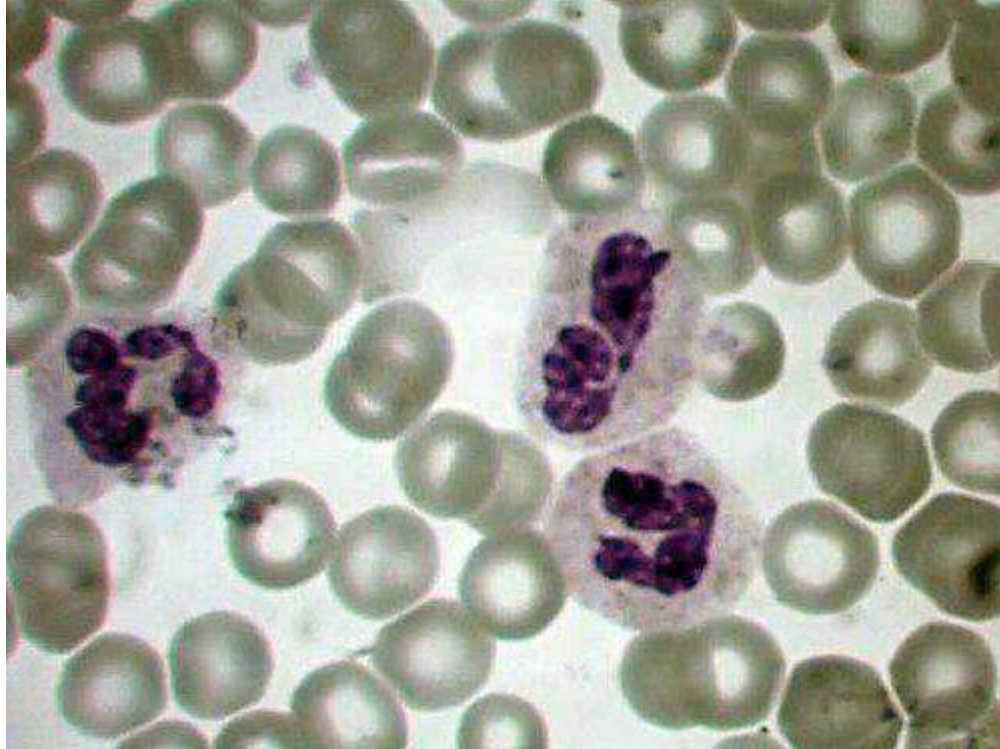
Выберите один из 4 вариантов ответа:

1)	+	Nucleolus
----	---	-----------

2)	-	Heterochromatin
3)	-	Granules of rRNP
4)	-	Euchromatin

**Задание №24**

Name this slide:

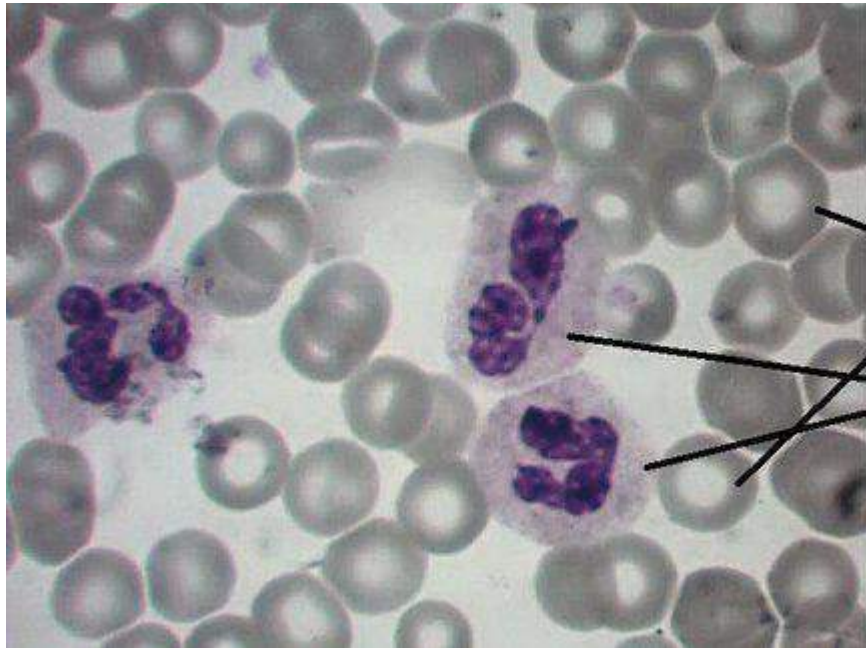


Выберите один из 4 вариантов ответа:

1)	+	Smear of the blood
2)	-	Erythrocyte
3)	-	Neutrophilic granulocyte
4)	-	Leukocytes

**Задание №25**

Name the nuclei lacking cells with light center under the number 2:

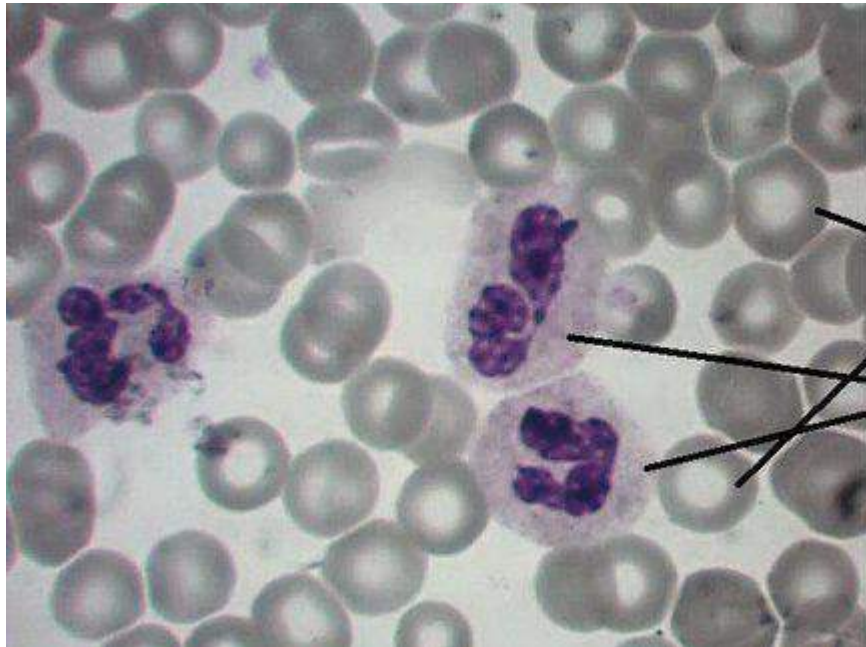


Выберите один из 3 вариантов ответа:

1)	+	Normocytes
2)	-	Spherocytes
3)	-	Echinocytes

#### Задание №26

Name cells that are marked as 1:

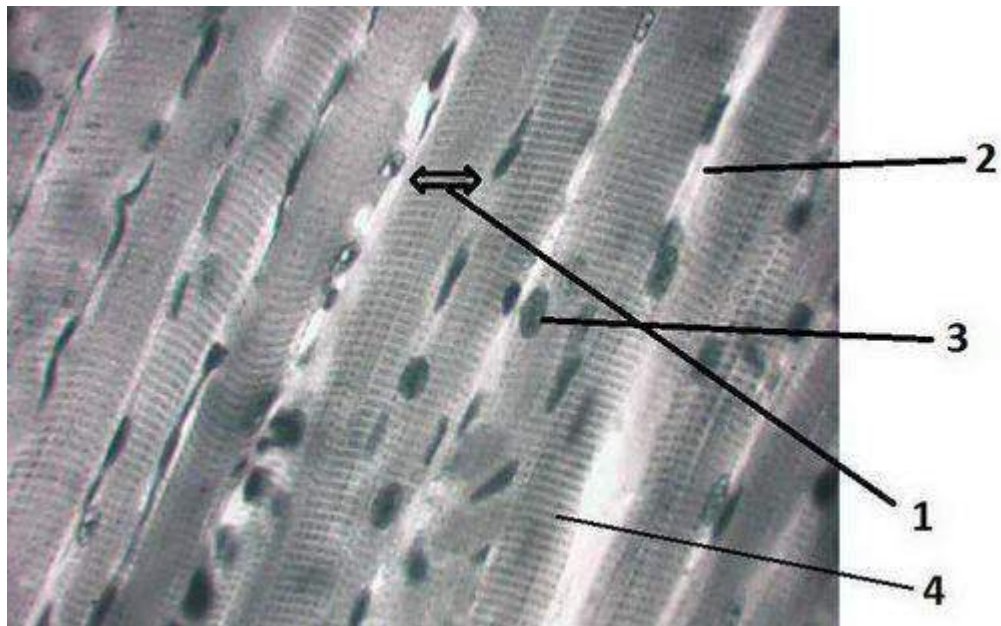


Выберите один из 4 вариантов ответа:

1)	+	Neutrophilic granulocyte of the blood
2)	-	Neutrophilic granulocyte of the loose connective tissue
3)	-	Neutrophilic granulocyte of the within blood vessel
4)	-	Neutrophilic granulocyte of the within lymph

**Задание №27**

Name this slide:

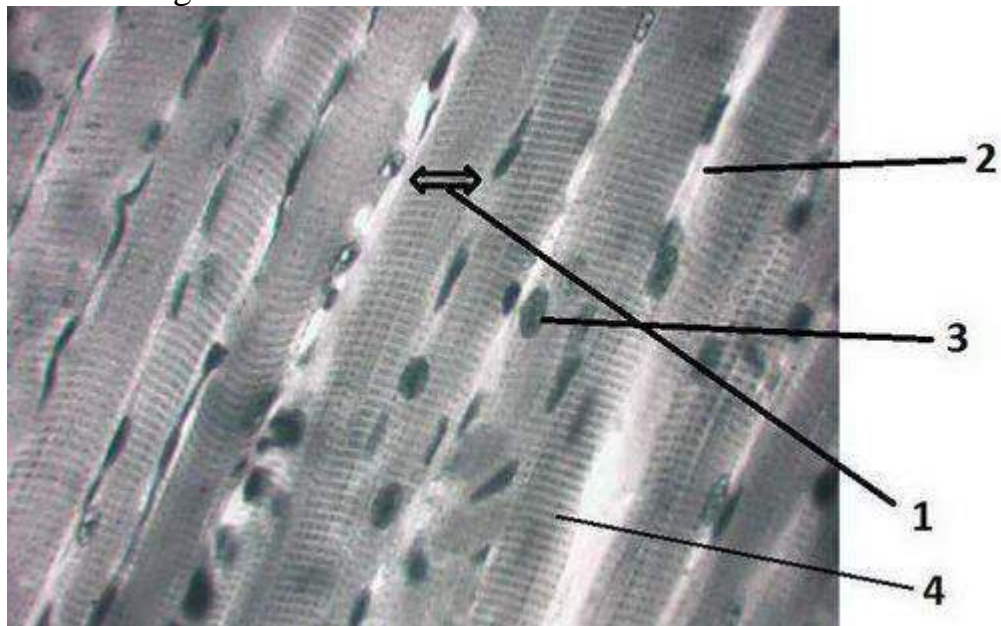


Выберите один из 4 вариантов ответа:

1)	+	Striated muscle tissue (skeletal)
2)	-	Striated muscle tissue (cardiae)
3)	-	Smooth muscle tissue
4)	-	Dense connective tissue

**Задание №28**

Which of the following structures are marked as 1?



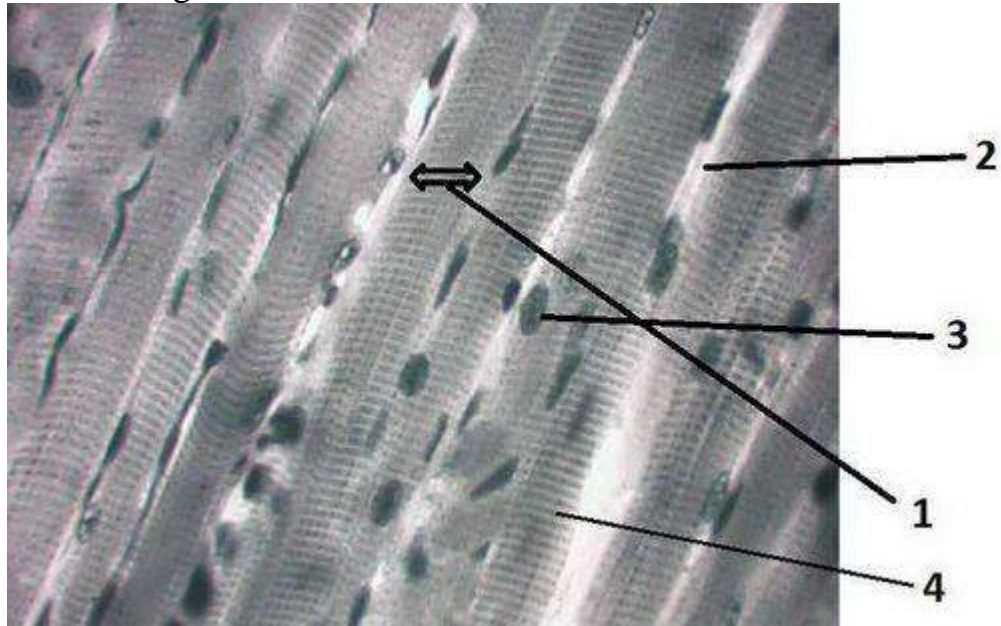
Выберите один из 4 вариантов ответа:

1)	+	Skeletal muscle fiber
----	---	-----------------------

2)	-	Cardiae muscle fiber
3)	-	Collagen fibers of the connective tissue
4)	-	Elastic fibers

**Задание №29**

Which of the following structures are marked as 3?

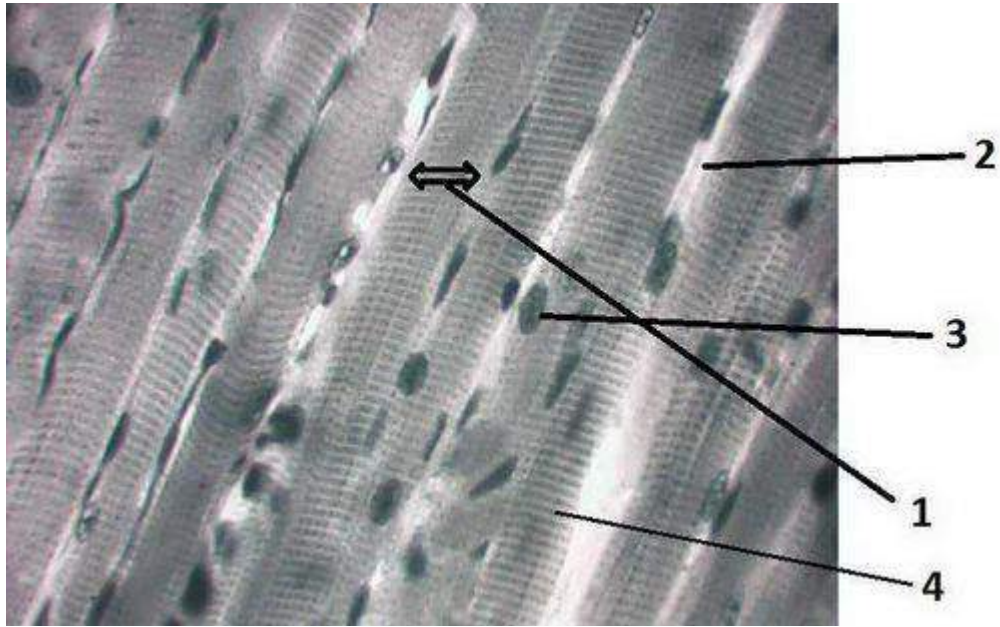


Выберите один из 4 вариантов ответа:

1)	+	Nucleus within skeletal muscle fiber
2)	-	Nucleus within cardiae muscle fiber
3)	-	Nucleus within cell of the connective tissue
4)	-	Endothelial nucleus

**Задание №30**

Which of the following is marked as number 2?

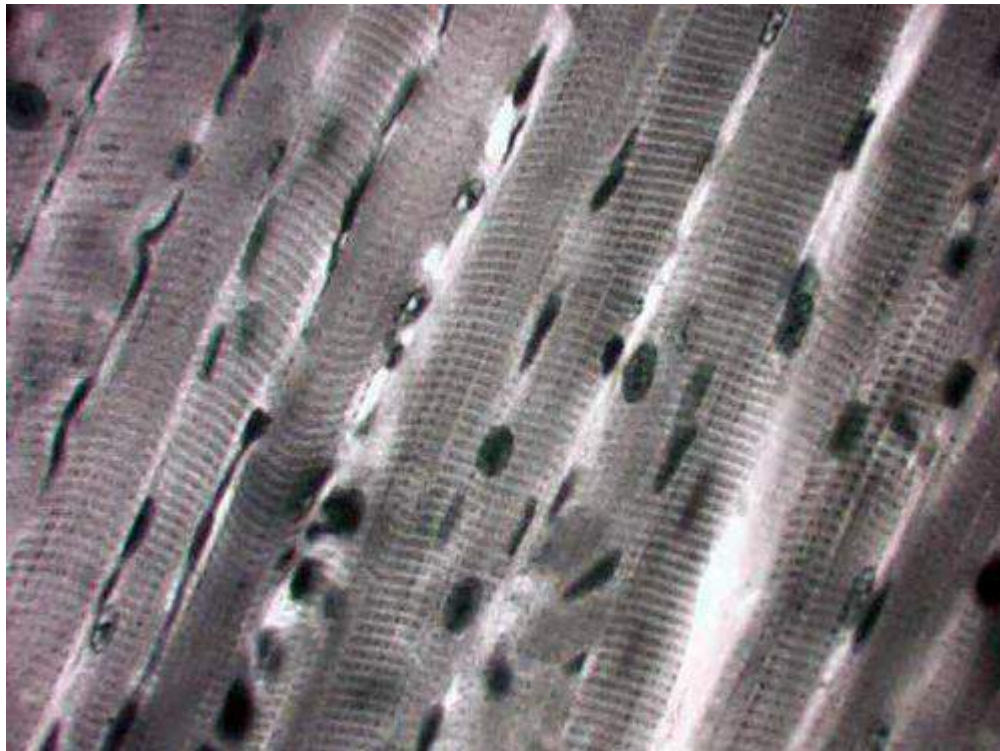


Выберите один из 3 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | Loose connective tissue, which is located between skeletal muscle fiber     |
| 2) | - | Loose connective tissue, which is located between cardiac muscle fiber      |
| 3) | - | Loose connective tissue, which is located between bundles of collagen fiber |

### Задание №31

Name this slide:



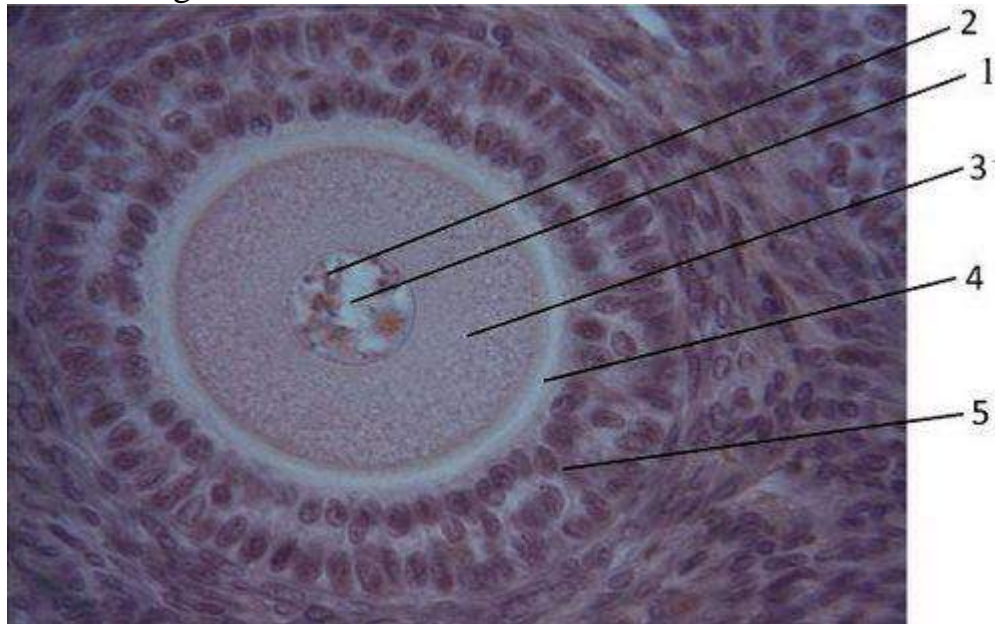
Выберите один из 4 вариантов ответа:

- |    |   |                        |
|----|---|------------------------|
| 1) | + | Skeletal muscle tissue |
| 2) | - | Cardiae muscle tissue  |

3)	-	Smooth muscle tissue
4)	-	Loose connective tissue

**Задание №32**

Which of the following is marked as number 1?

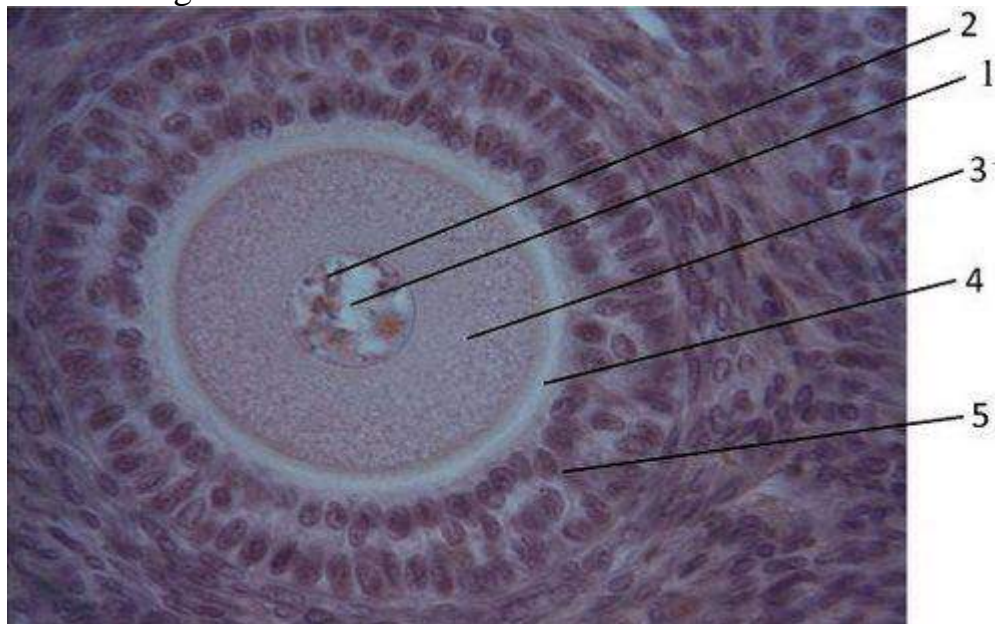


Выберите один из 4 вариантов ответа:

1)	+	Nucleus of the ovum
2)	-	Nucleus of the neuron
3)	-	Nucleus of the lymphocyte
4)	-	Nucleus of the epithelicyte

**Задание №33**

Which of the following is marked as number 2?

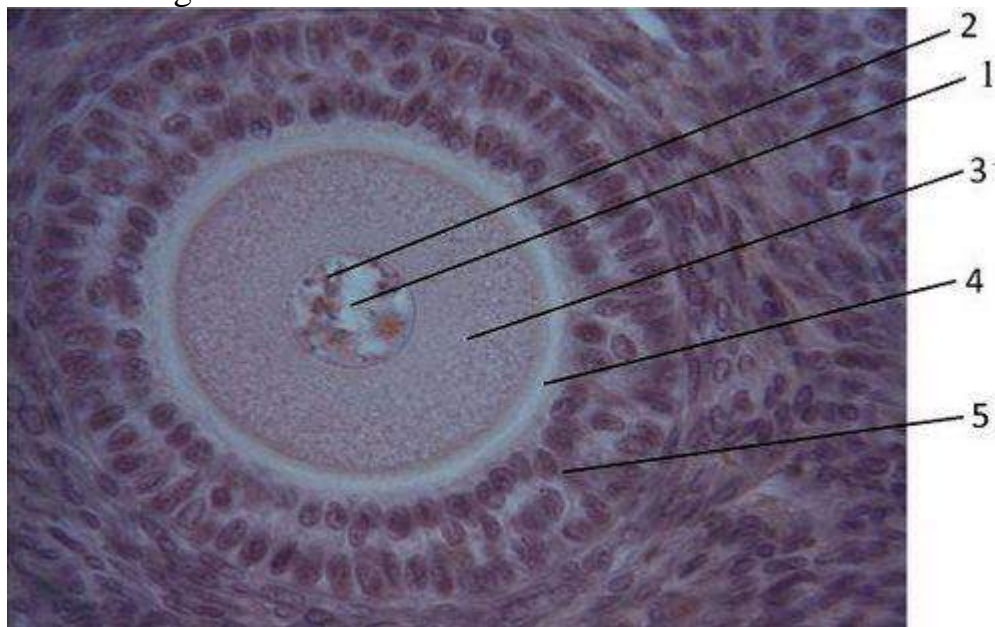


Выберите один из 4 вариантов ответа:

1)	+	Heterochromatin
2)	-	Euchromatin
3)	-	Nuclear matrix
4)	-	Nuclear envelope

**Задание №34**

Which of the following is marked as number 3?



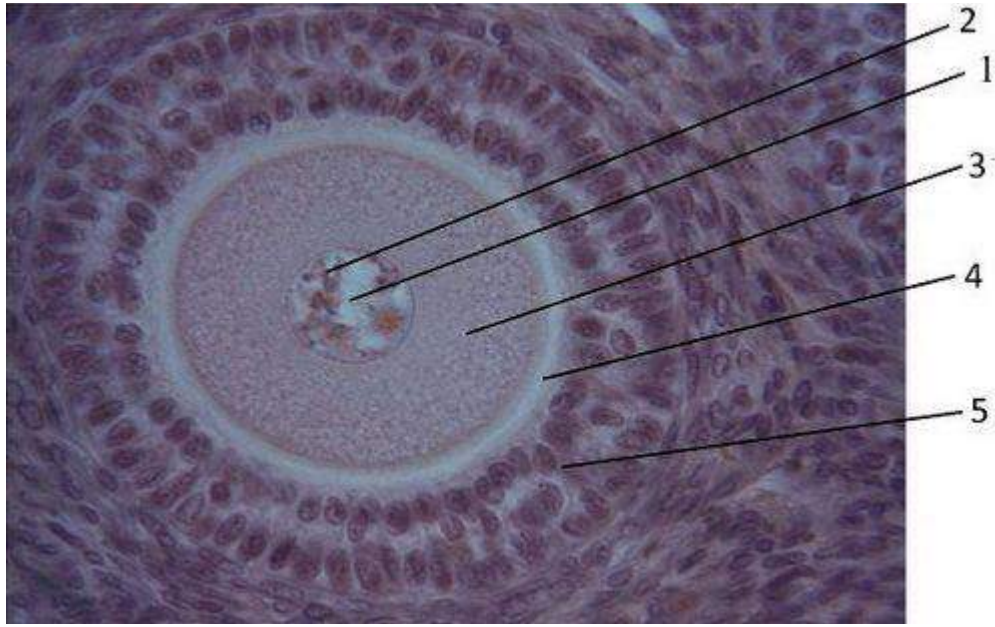
Выберите один из 4 вариантов ответа:

1)	+	Cytoplasm of the ovum
2)	-	Cytoplasm of the neuron
3)	-	Cytoplasm of the lymphocyte
4)	-	Cytoplasm of the monocyte

**Задание №35**

Which of the following is marked as number 4?



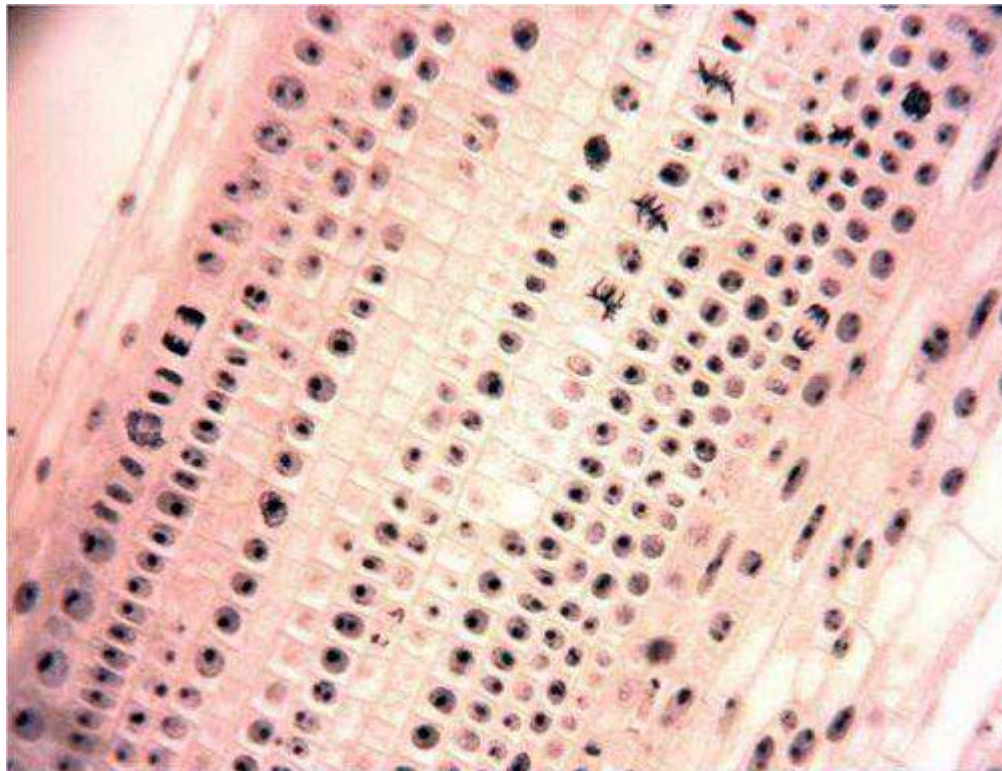


Выберите один из 3 вариантов ответа:

1)	+	Zone pellucida
2)	-	Corona radiate
3)	-	Tunics of the ovum

### Задание №36

Name this slide:



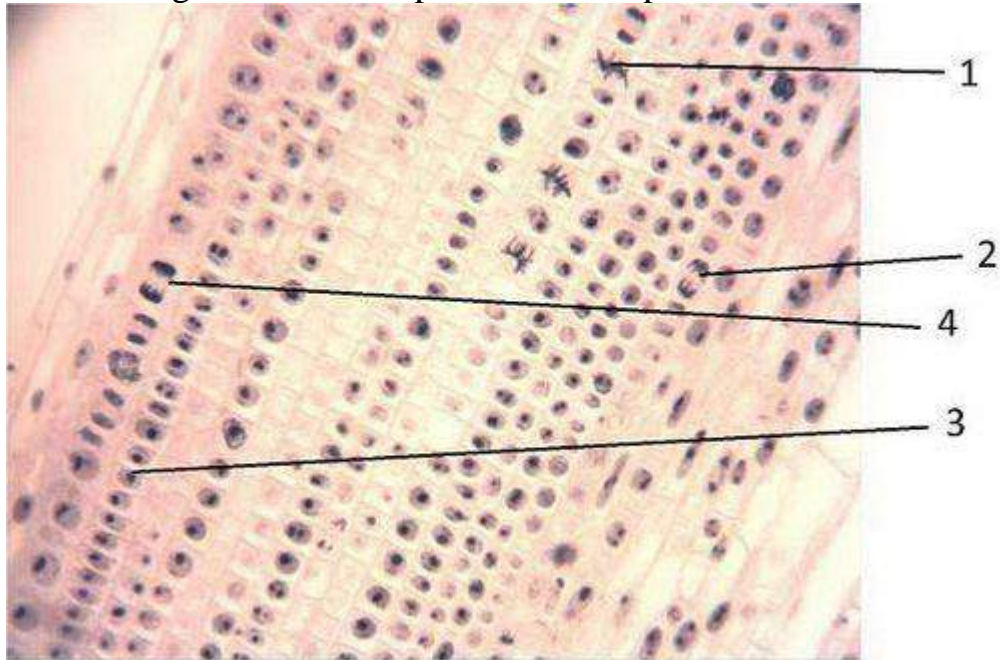
Выберите один из 3 вариантов ответа:

1)	+	Mitosis
2)	-	Amitosis

3) - Meiosis

**Задание №37**

Which of the following number correspond to the anaphase?

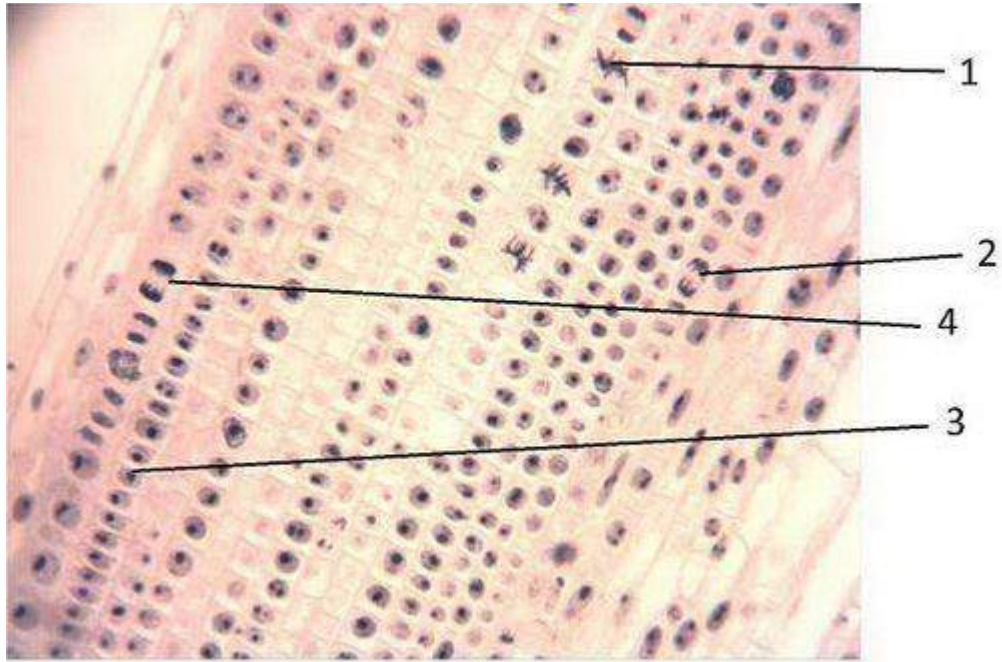


Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | 2 |
| 2) | - | 1 |
| 3) | - | 3 |
| 4) | - | 4 |

**Задание №38**

Which of the following number correspond to the metaphase?

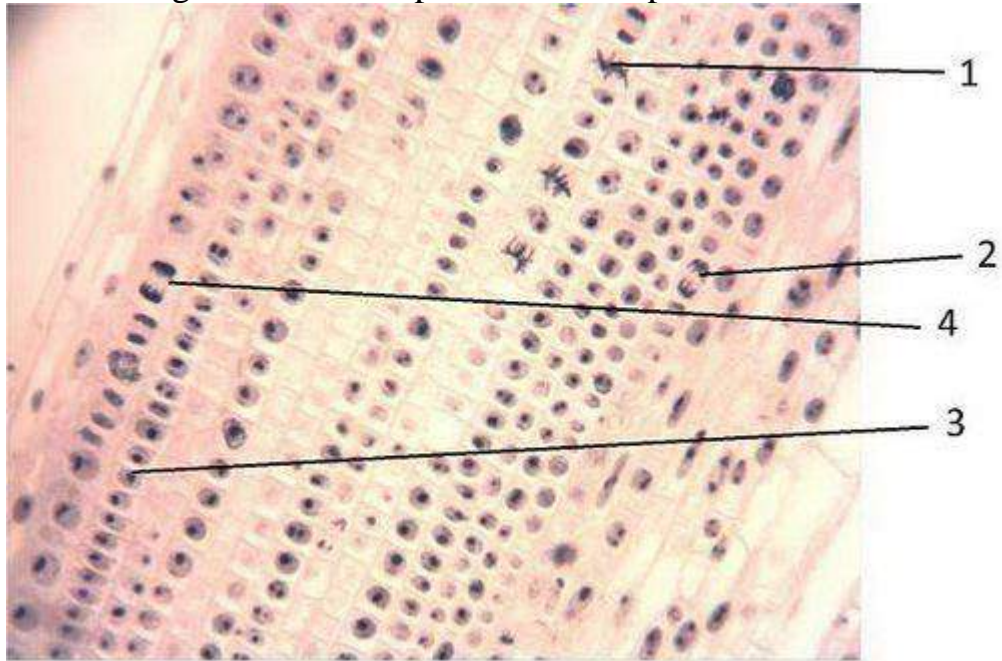


Выберите один из 4 вариантов ответа:

1)	+	1
2)	-	3
3)	-	2
4)	-	4

**Задание №39**

Which of the following number correspond to the telophase?



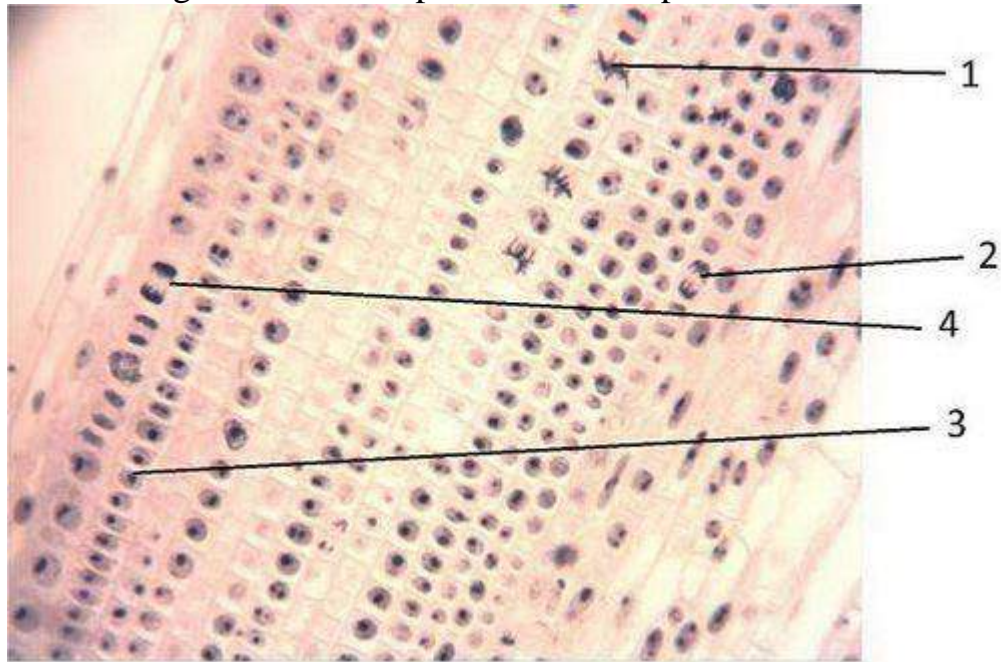
Выберите один из 4 вариантов ответа:

1)	+	4
2)	-	1

3)	-	2
4)	-	3

**Задание №40**

Which of the following number correspond to the interphase?

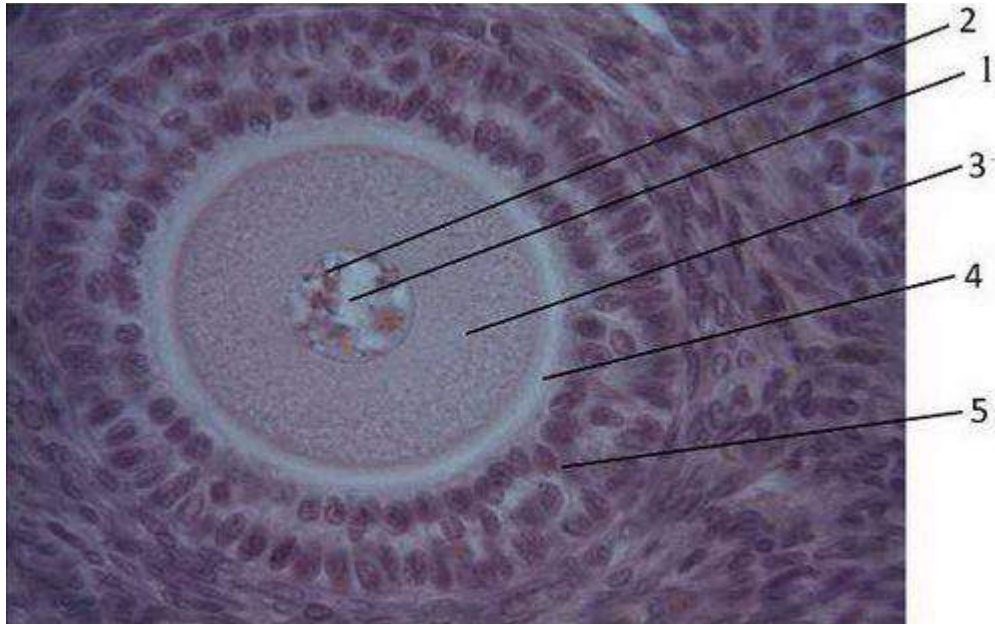


Выберите один из 4 вариантов ответа:

1)	+	3
2)	-	1
3)	-	2
4)	-	4

**Задание №41**

What is shown under the number 5?

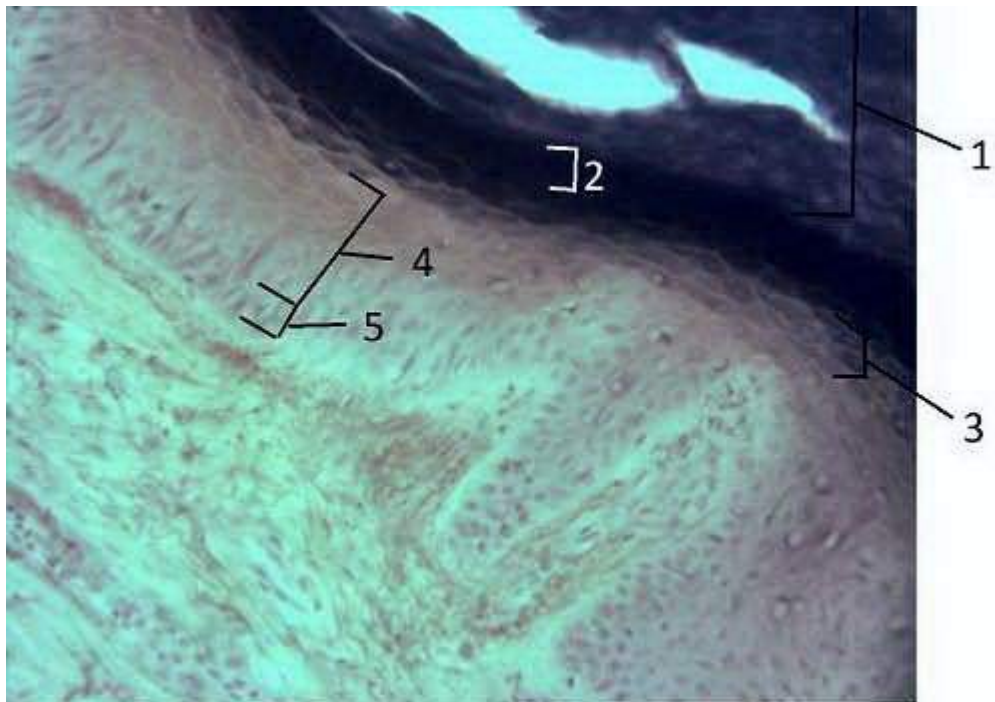


Выберите один из 3 вариантов ответа:

1)	+	Corona radiate
2)	-	Zone pellucida
3)	-	Plasma membraine of the ovum

#### Задание №42

What is shown under the number 1?



Выберите один из 4 вариантов ответа:

1)	+	Stratum corneum
2)	-	Stratum lucidum
3)	-	Stratum basale

4) - Stratum granulosum

**Задание №43**

What is shown under the number 2?

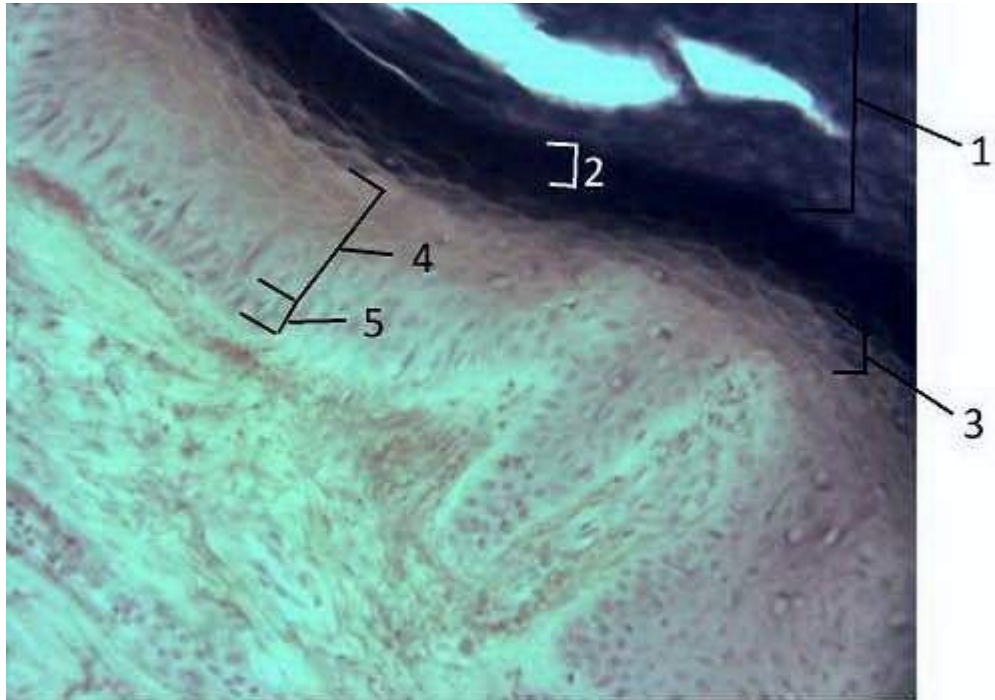


Выберите один из 4 вариантов ответа:

- |    |   |                    |
|----|---|--------------------|
| 1) | + | Stratum lucidum    |
| 2) | - | Stratum corneum    |
| 3) | - | Stratum basale     |
| 4) | - | Stratum granulosum |

**Задание №44**

What is shown under the number 3?

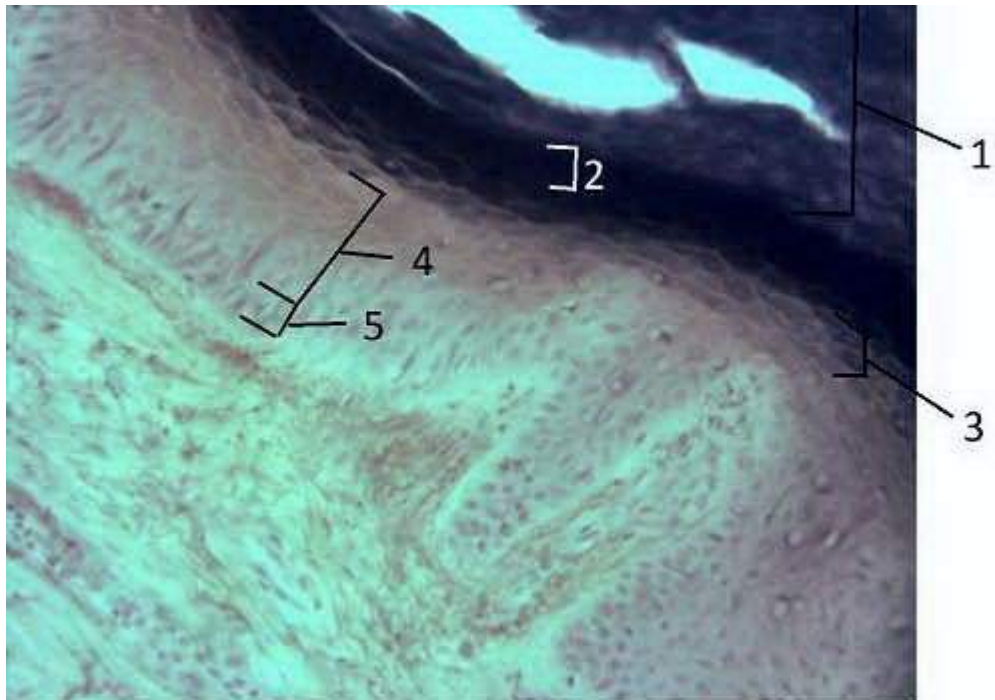


Выберите один из 4 вариантов ответа:

1)	+	Stratum granulosum
2)	-	Stratum lucidum
3)	-	Stratum corneum
4)	-	Stratum basale

**Задание №45**

What is shown under the number 4?



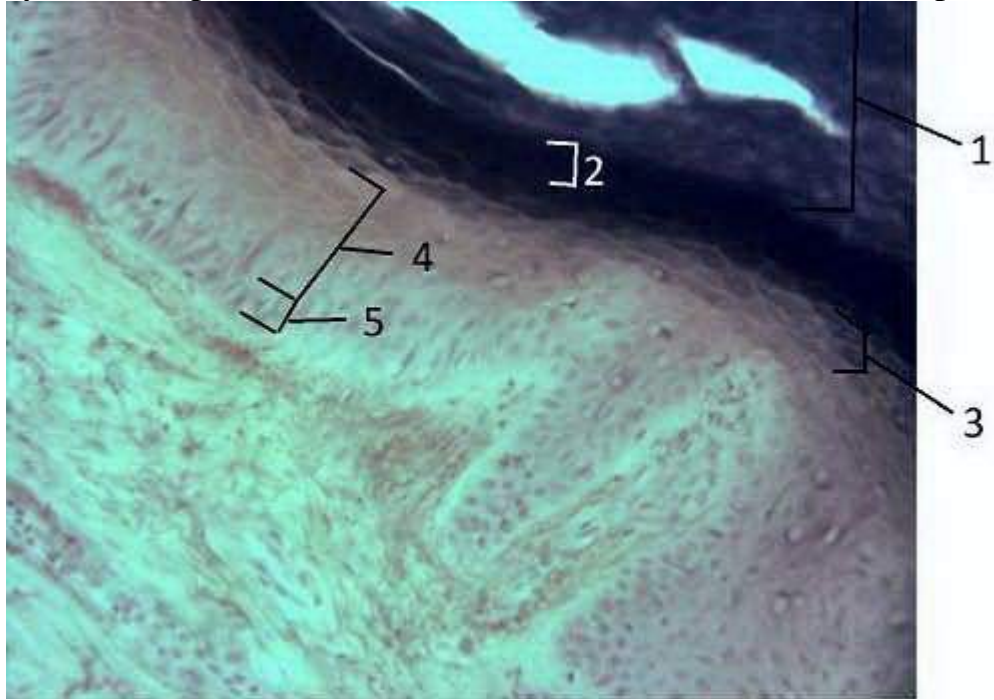
Выберите один из 4 вариантов ответа:

1)	+	Stratum spinosum
----	---	------------------

2)	-	Stratum basale
3)	-	Stratum lucidum
4)	-	Stratum granulosum

**Задание №46**

Name the layer of the epidermal cambial cells that are shown as 5 on the picture?



Выберите один из 5 вариантов ответа:

1)	+	Stratum basale
2)	-	Stratum granulosum
3)	-	Stratum lucidum
4)	-	Stratum corneum
5)	-	Stratum spinosum

**Задание №47**

What type of the secretion is shown in this slide?



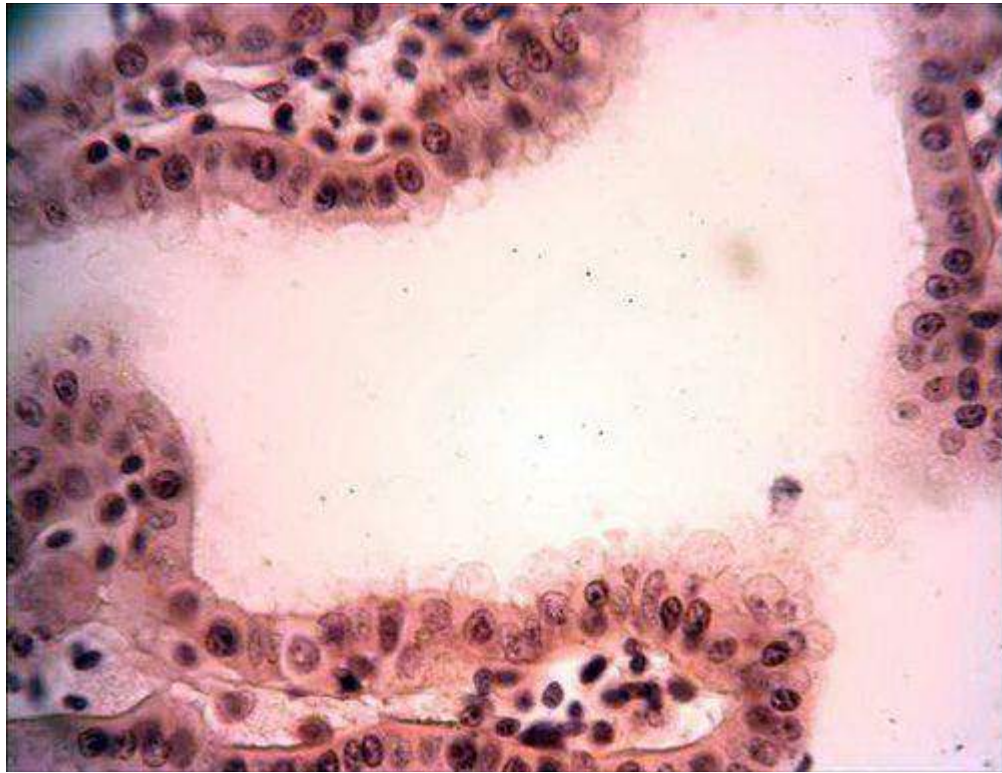


Выберите один из 4 вариантов ответа:

1)	+	Apocrine
2)	-	Merocrine
3)	-	Holocrine
4)	-	Microapocrine

**Задание №48**

Name this slide

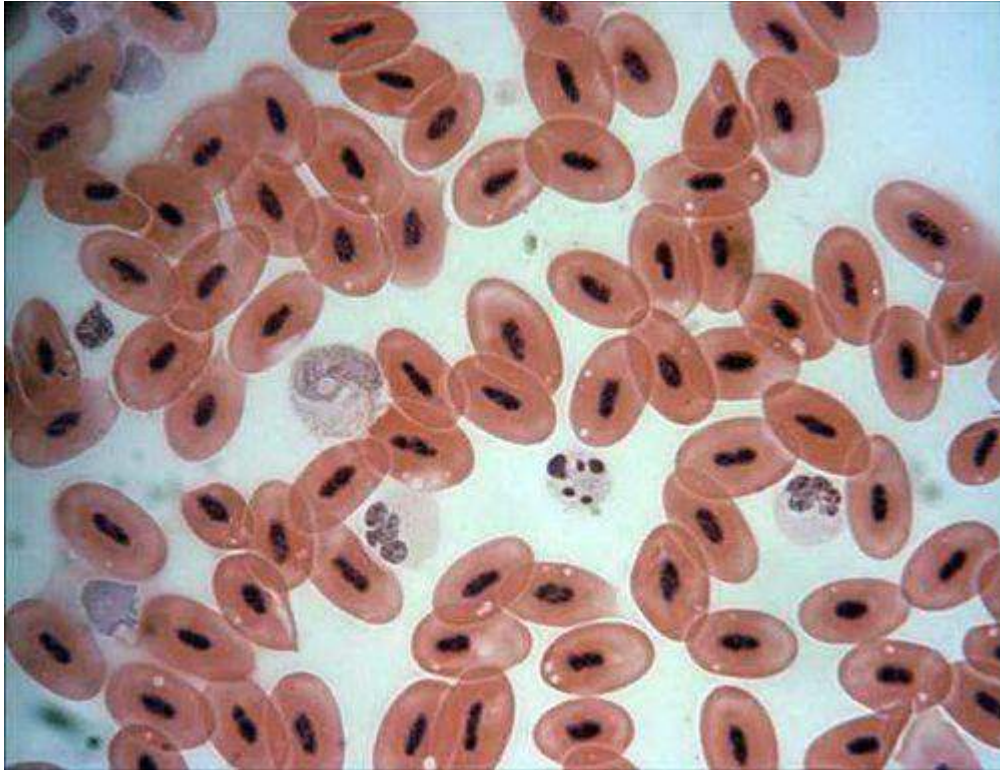


Выберите один из 4 вариантов ответа:

1)	+	Glandular epithelium
2)	-	Lung
3)	-	Sublingual gland
4)	-	Tube of the kidney

**Задание №49**

Name this slide:

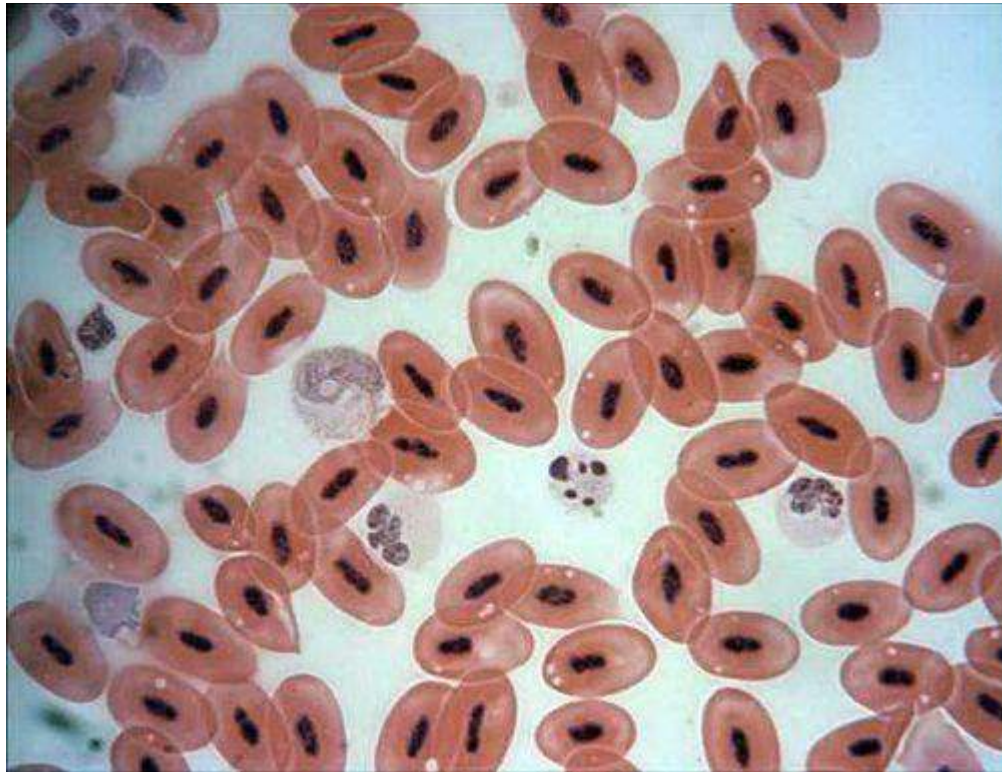


Выберите один из 4 вариантов ответа:

1)	+	Blood of frog
2)	-	Blood of human
3)	-	Reticular tissue
4)	-	Loose connective tissue

**Задание №50**

Which cells are prevalent in this slide?

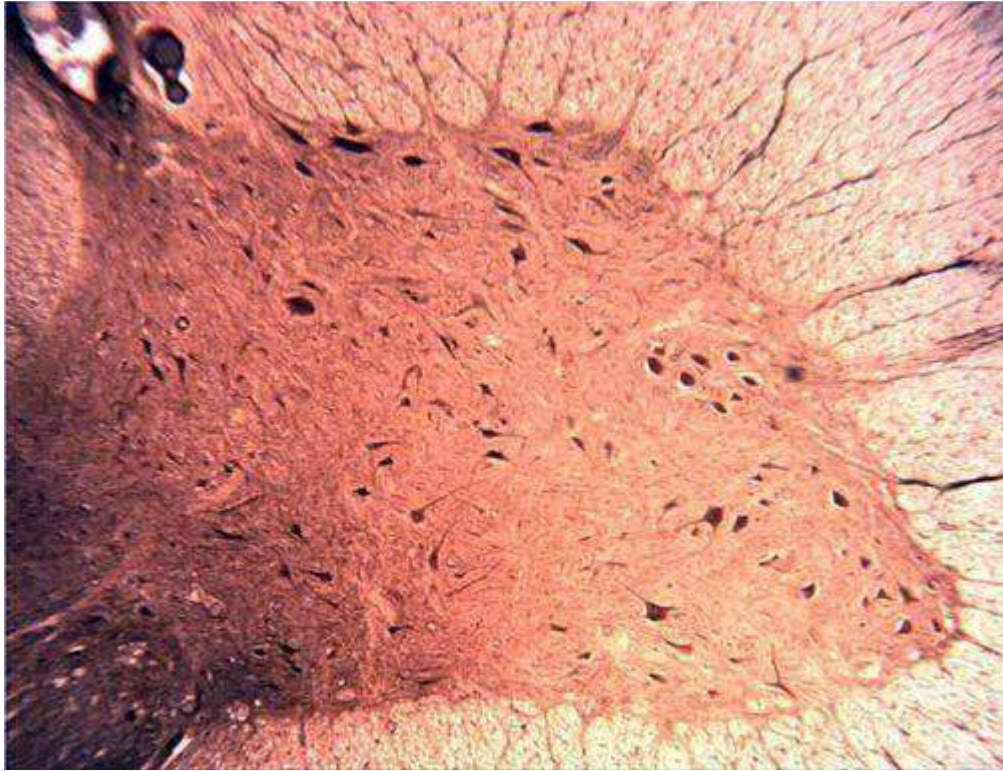


Выберите один из 4 вариантов ответа:

1)	+	Erythrocytes of frog blood
2)	-	Erythrocytes of human blood
3)	-	Leucocytes of frog blood
4)	-	Leucocytes of human blood

**Задание №51**

Name this slide:

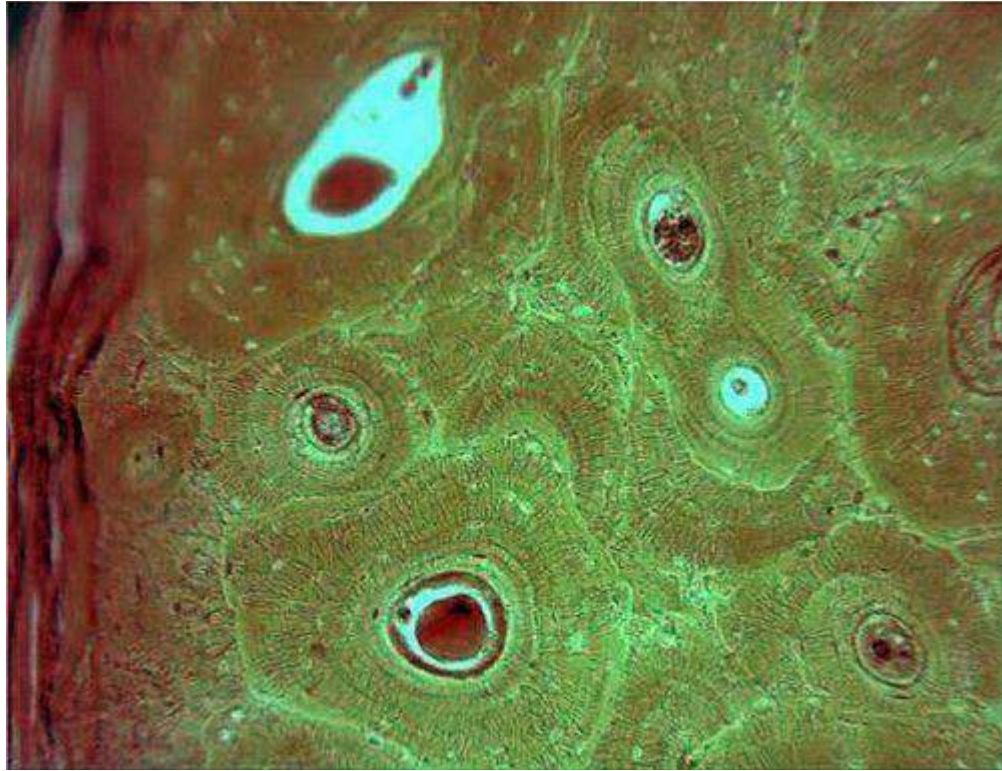


Выберите один из 4 вариантов ответа:

1)	+	Neurofibrills in neurons
2)	-	Fibroblasts in loose connective tissue
3)	-	Reticular cells
4)	-	Neuroglial cells

**Задание №52**

Name this slide:

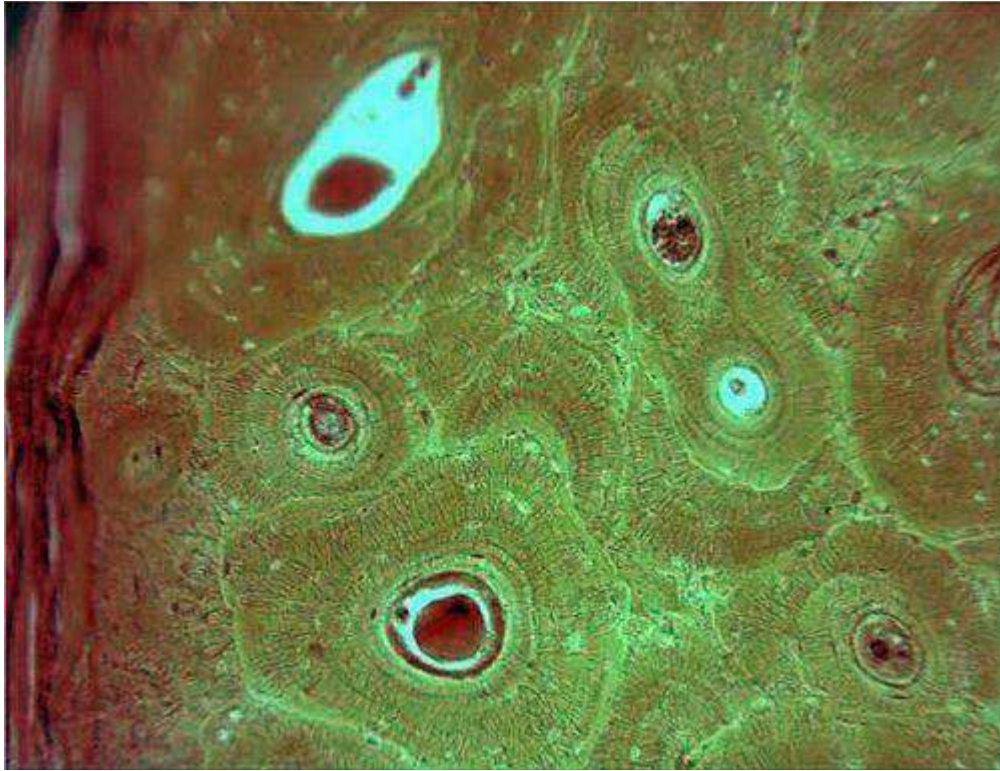


Выберите один из 4 вариантов ответа:

1)	<input checked="" type="checkbox"/>	Transverse section of the compact bone
2)	<input type="checkbox"/>	Longitudinal section of the compact bone
3)	<input type="checkbox"/>	Lung
4)	<input type="checkbox"/>	Longitudinal section of the cartilage

**Задание №53**

What staining has given slide?

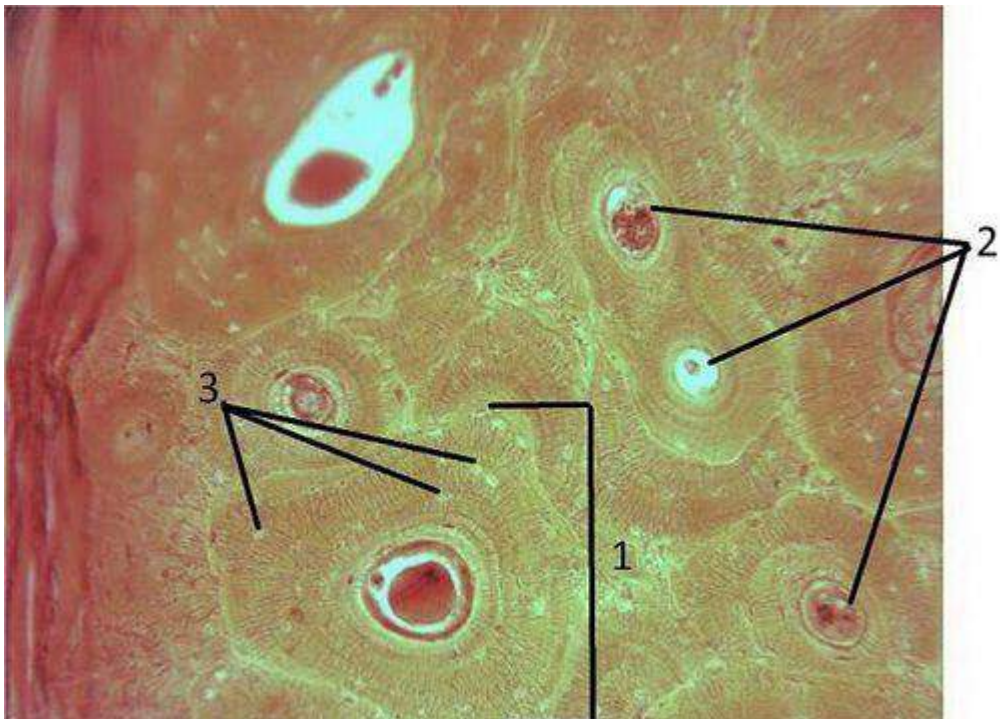


Выберите один из 4 вариантов ответа:

1)	+	By the method of Shmorl
2)	-	By the method of Giemsa
3)	-	Iron hematoxylin
4)	-	Silver impregnation

#### Задание №54

What is shown under the number 1?

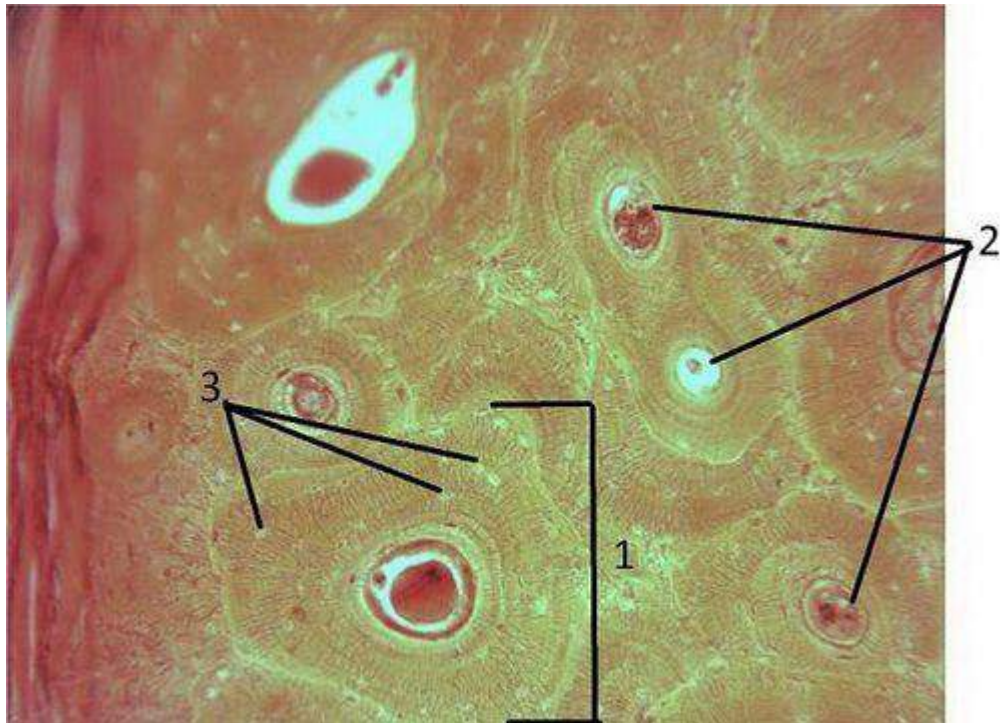


Выберите один из 4 вариантов ответа:

- |    |   |                   |
|----|---|-------------------|
| 1) | + | Osteon            |
| 2) | - | Osteocyte         |
| 3) | - | Blood vessels     |
| 4) | - | Lymphatic vessels |

**Задание №55**

What is shown under the number 2?



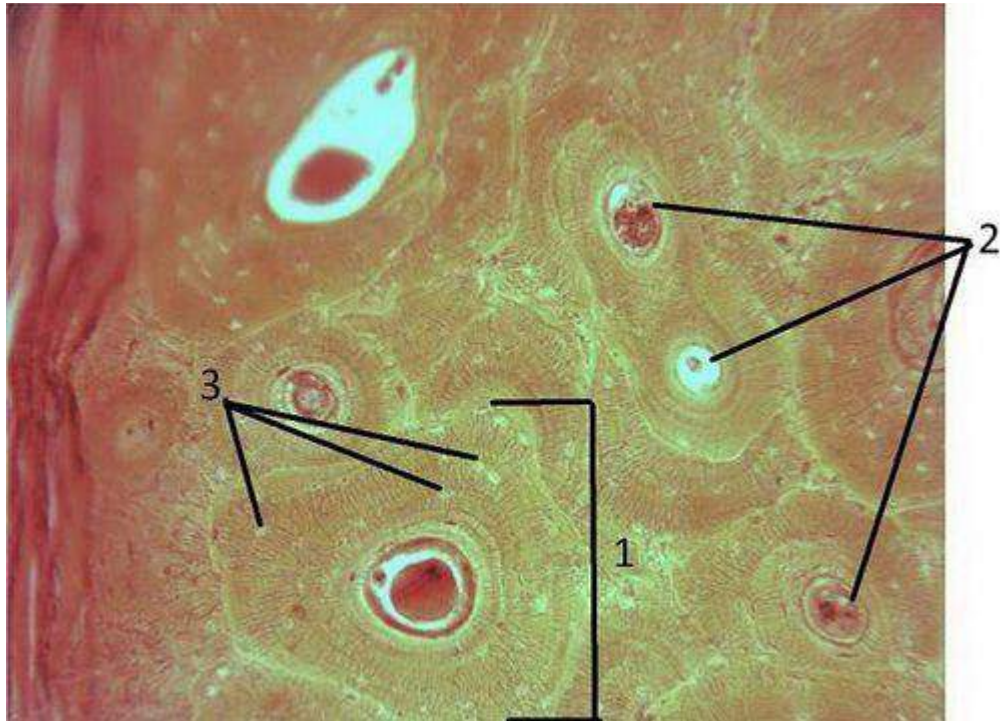
Выберите один из 4 вариантов ответа:

- |    |   |                           |
|----|---|---------------------------|
| 1) | + | Volkman's canal           |
| 2) | - | Cavity of the bronchi     |
| 3) | - | Cavity of the bone marrow |
| 4) | - | Haversian canal           |

**Задание №56**

What is shown under the number 3?



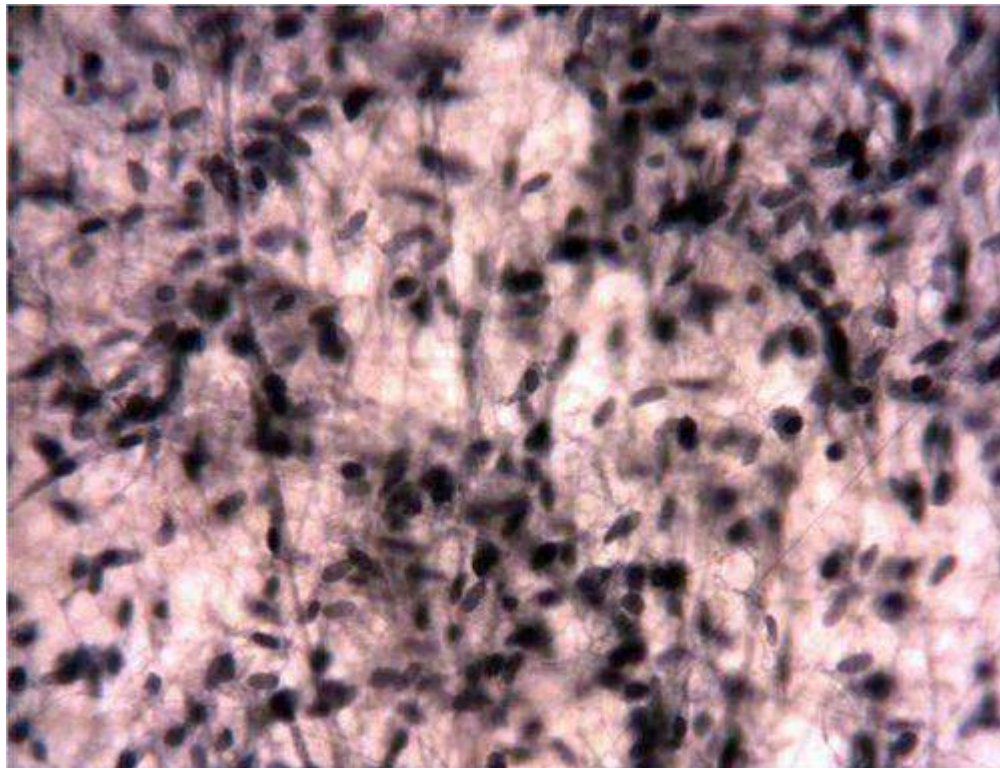


Выберите один из 4 вариантов ответа:

1)	+	Lacunae with osteocytes
2)	-	Blood capillaries
3)	-	Lacunae with osteoclasts
4)	-	Lacunae with chondroblasts

#### Задание №57

Name this slide:

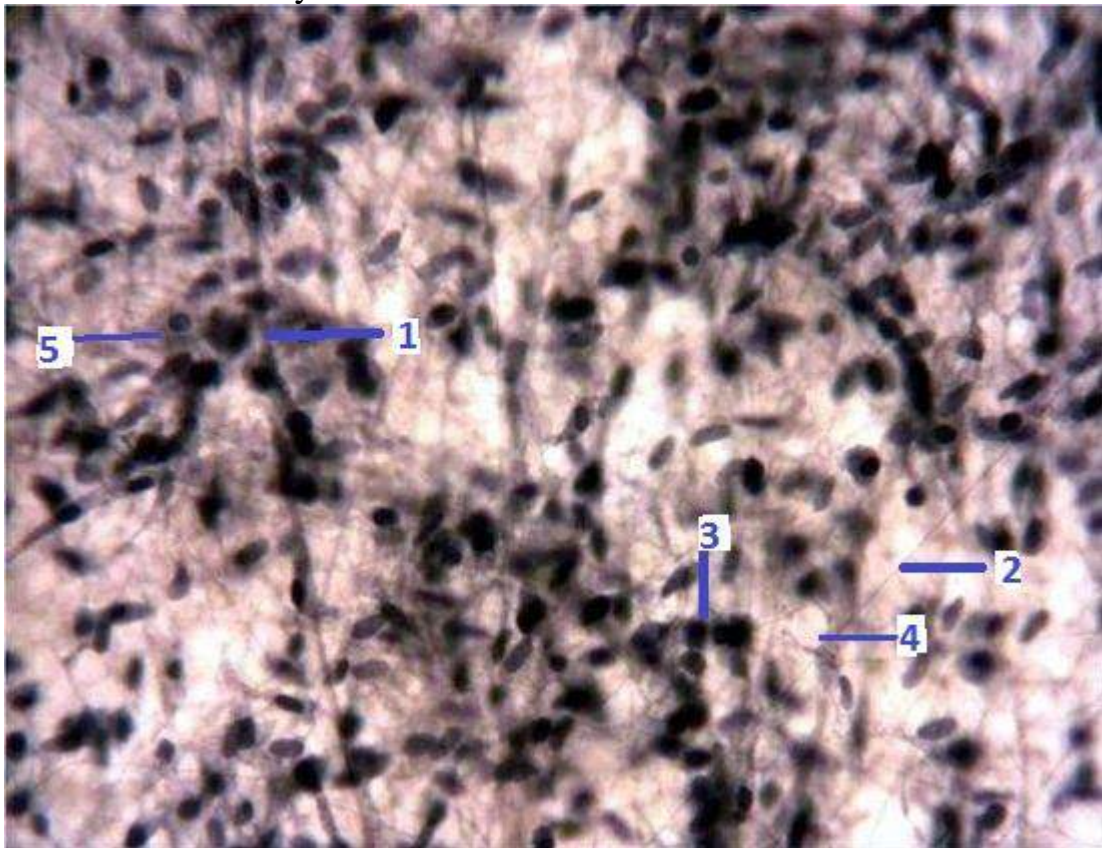


Выберите один из 4 вариантов ответа:

1)	+	Loose connective tissue
2)	-	Reticular tissue
3)	-	Dense connective tissue
4)	-	Mucosa tissue

**Задание №58**

What structure is marked by number 1?

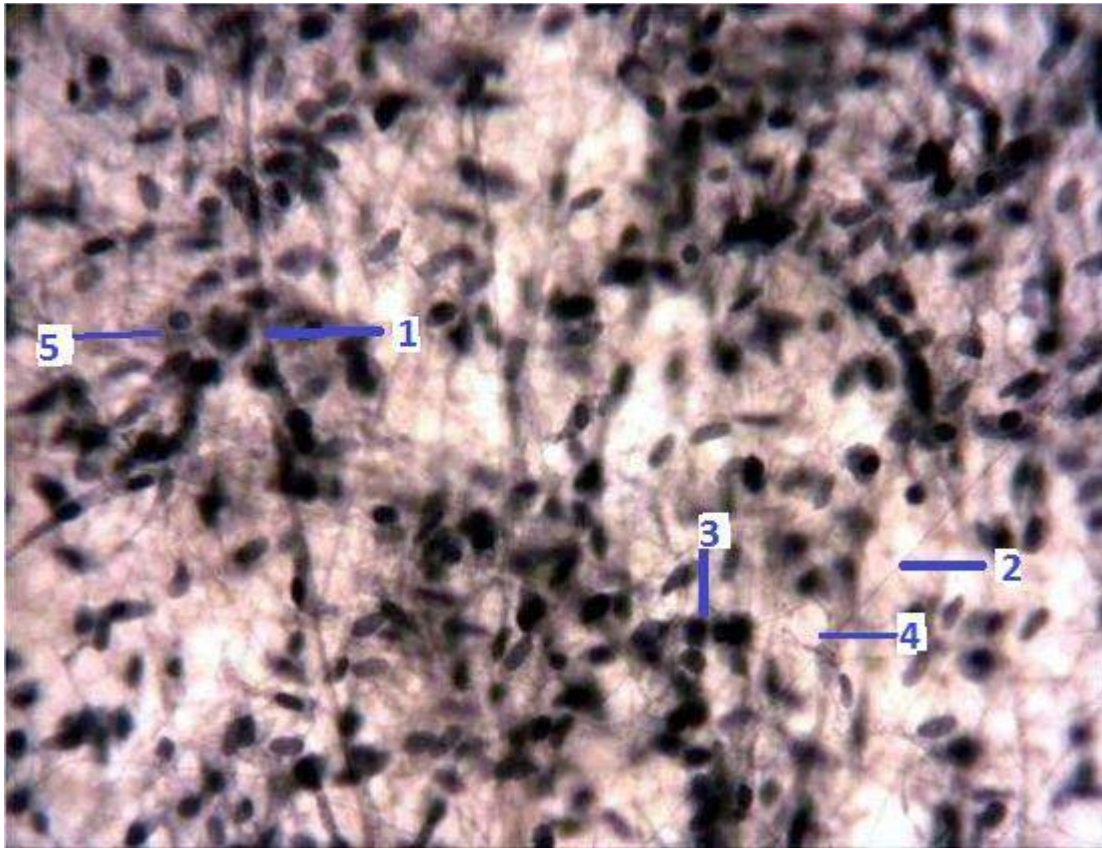


Выберите один из 4 вариантов ответа:

1)	+	Collagen fiber
2)	-	Reticular fiber
3)	-	Elastic fiber
4)	-	Nerve fiber

**Задание №59**

What structure is marked by number 2?

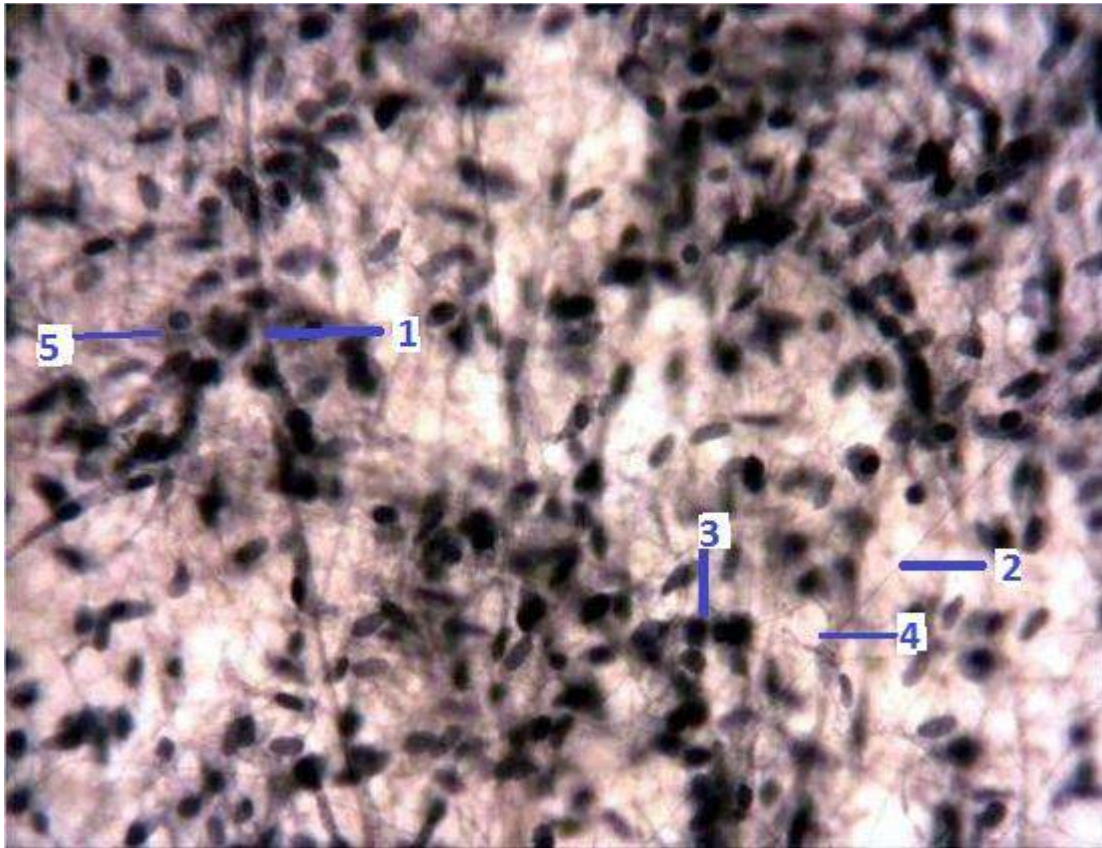


Выберите один из 4 вариантов ответа:

1)	+	Elastic fiber
2)	-	Reticular fiber
3)	-	Collagen fiber
4)	-	Nerve fiber

**Задание №60**

What structure is marked by number 3?

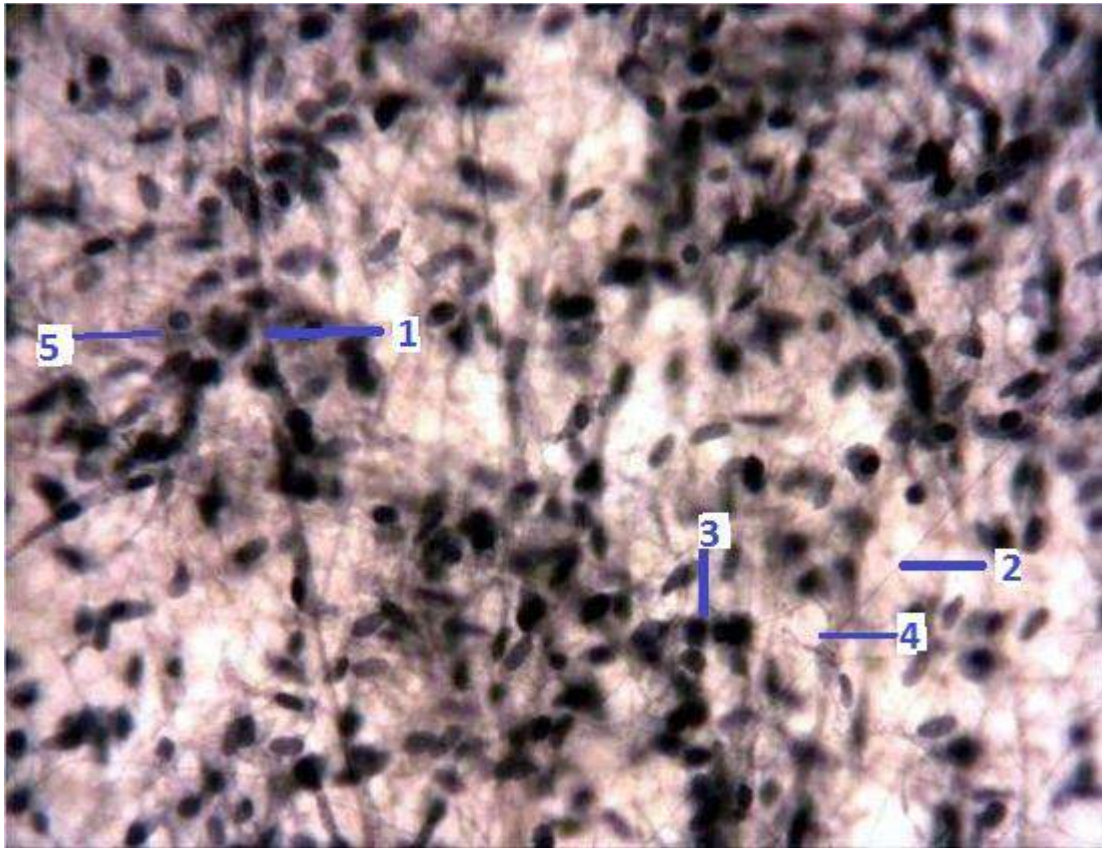


Выберите один из 4 вариантов ответа:

1)	+	Lymphocytes
2)	-	Mast cells
3)	-	Fibroblast
4)	-	Adipose cells

**Задание №61**

What structure is marked by number 4?

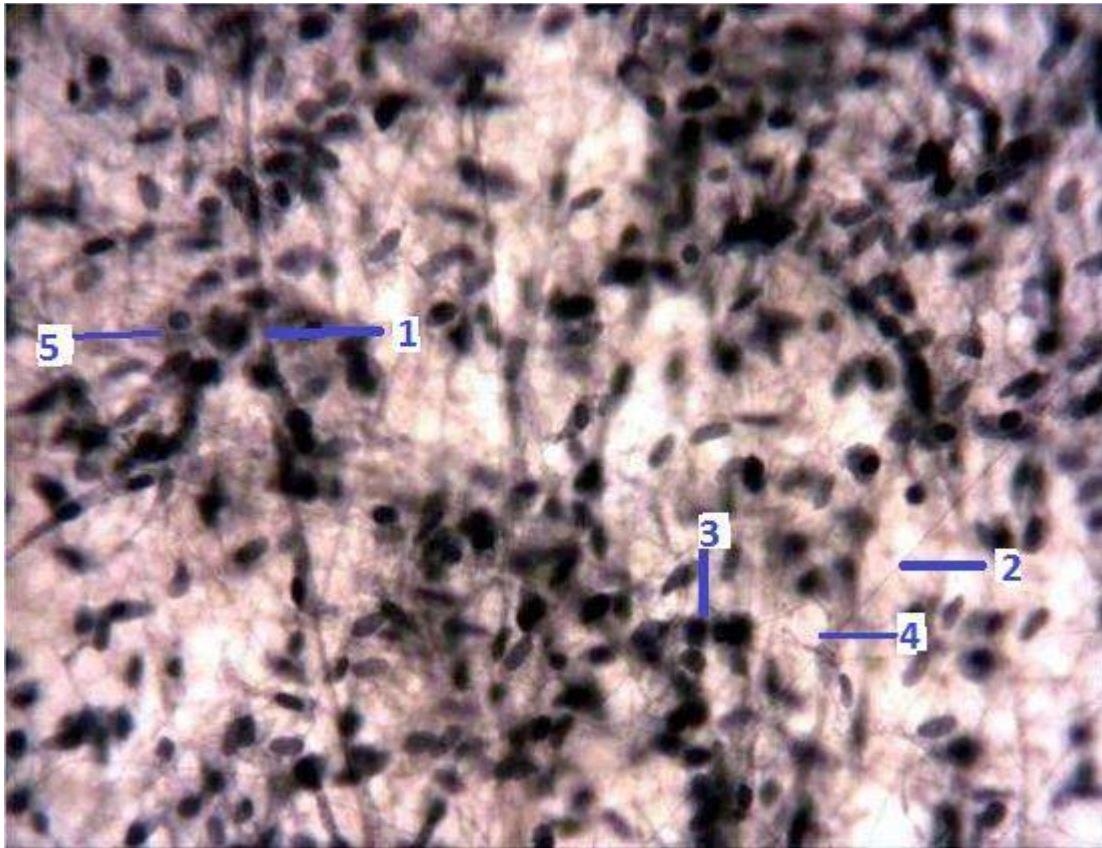


Выберите один из 4 вариантов ответа:

1)	+	Adipose cells
2)	-	Mast cells
3)	-	Fibroblast
4)	-	Lymphocytes

**Задание №62**

What structure is marked by number 5?

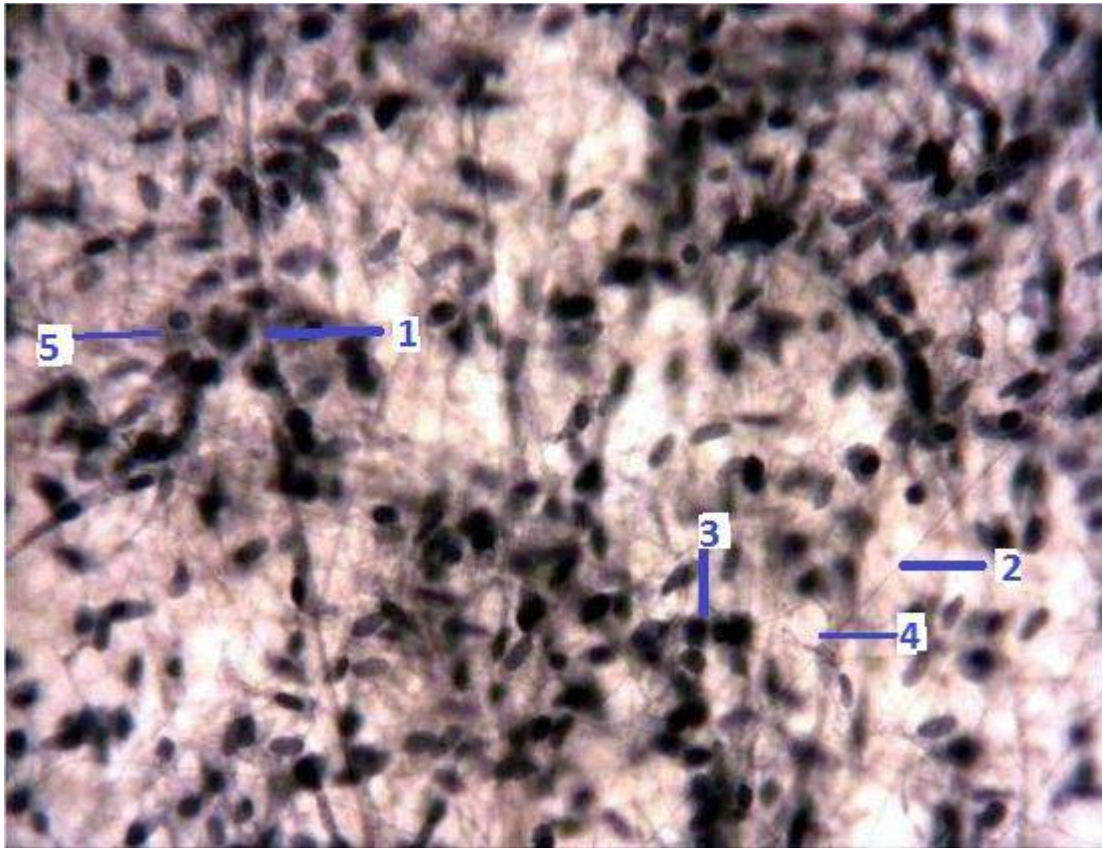


Выберите один из 4 вариантов ответа:

1)	+	Fibroblast
2)	-	Mast cells
3)	-	Adipose cells
4)	-	Lymphocytes

**Задание №63**

What staining has given slide?

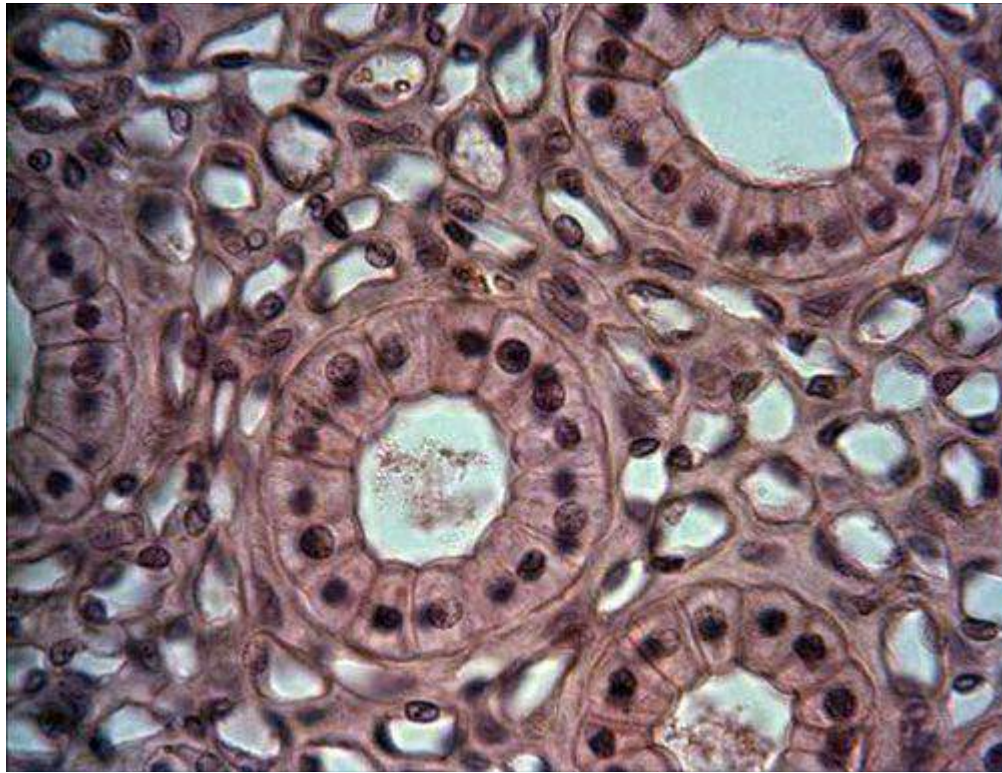


Выберите один из 4 вариантов ответа:

1)	+	Iron hematoxylin
2)	-	Hematoxylin - eosin
3)	-	Silver impregnation
4)	-	Osmic acid

**Задание №64**

Name this slide:

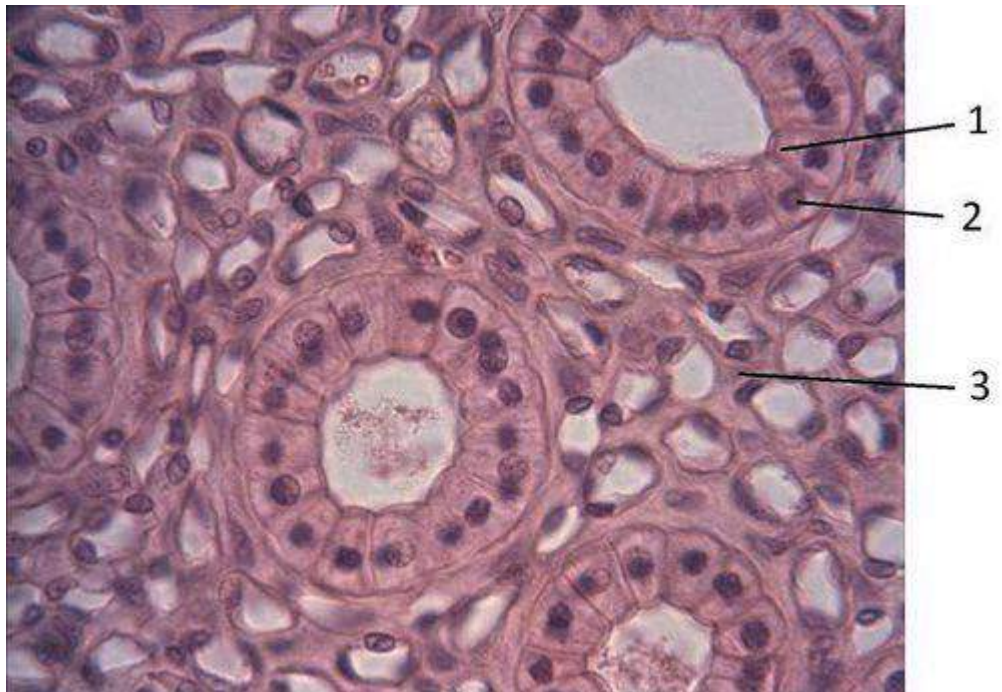


Выберите один из 4 вариантов ответа:

1)	+	Simple columnar epithelium
2)	-	Simple cuboidal epithelium
3)	-	Simple flat epithelium
4)	-	Simple ciliated epithelium

**Задание №65**

What is shown under the number 2?



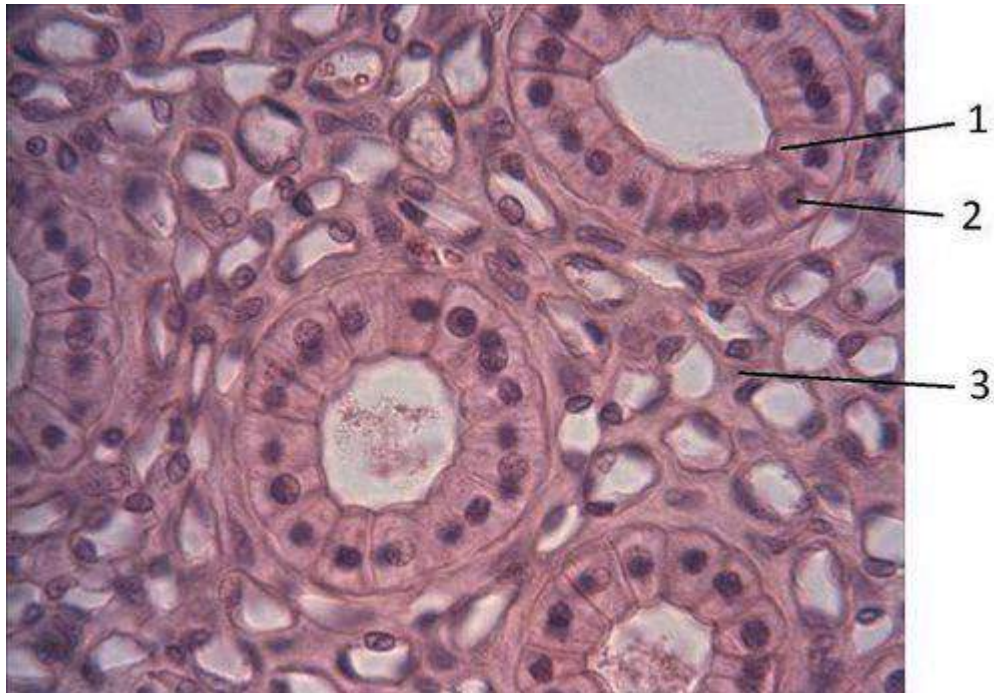


Выберите один из 4 вариантов ответа:

1)	+	Nuclei simple columnar epithelium
2)	-	Nuclei simple cuboidal epithelium
3)	-	Nuclei simple flat epithelium
4)	-	Nuclei simple ciliated epithelium

**Задание №66**

What is shown under the number 1?

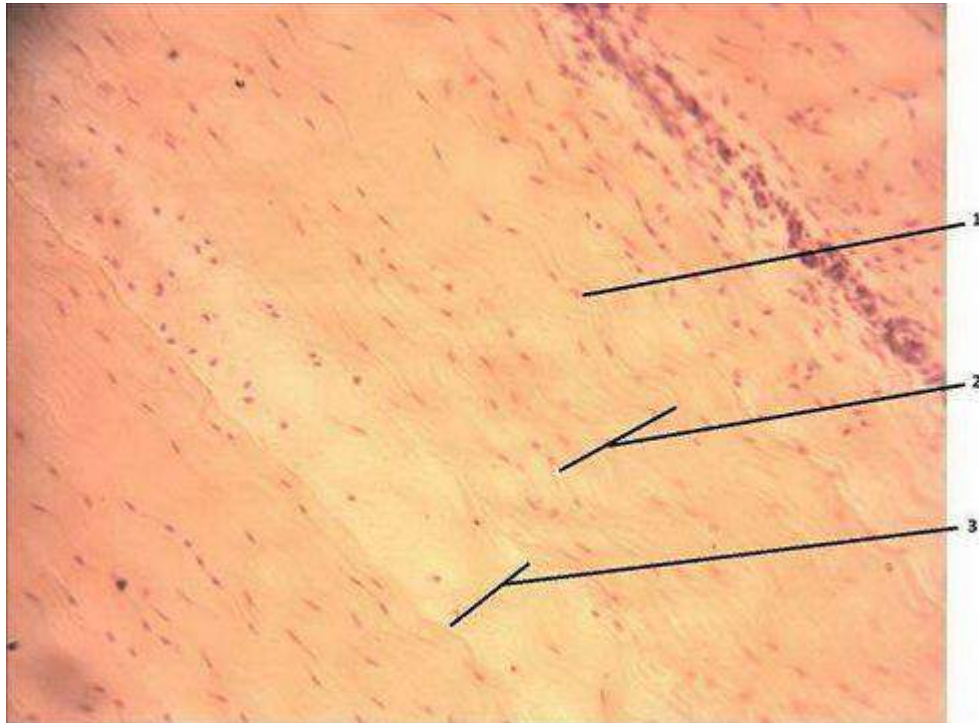


Выберите один из 4 вариантов ответа:

1)	+	Apical part of cell simple columnar epithelium
2)	-	Basal part of cell simple columnar epithelium
3)	-	Apical part of cell simple cuboidal epithelium
4)	-	Basal part of cell simple cuboidal epithelium

**Задание №67**

Name this slide:



Выберите один из 4 вариантов ответа:

1)	+	Dense connective tissue
2)	-	Loose connective tissue
3)	-	Reticular tissue
4)	-	Smooth muscle tissue

**Задание №68**

What is shown under the number 1?

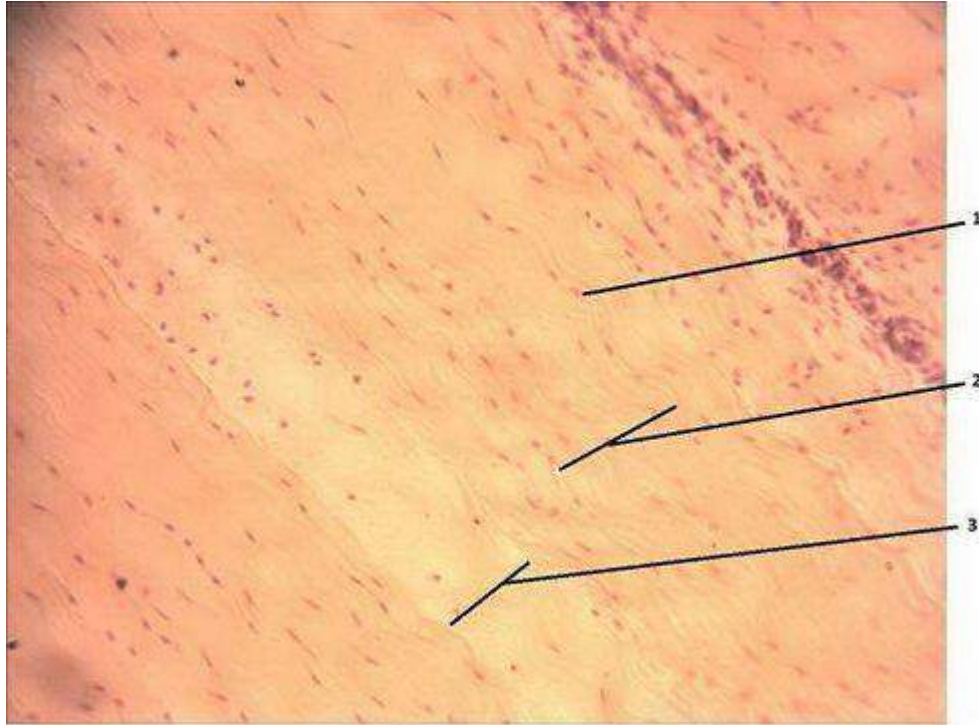


Выберите один из 4 вариантов ответа:

1)	+	Nuclei of fibrocytes of dense connective tissue
2)	-	Nuclei of fibrocytes of loose connective tissue
3)	-	Nuclei of smooth muscle tissue
4)	-	Nuclei of osteocytes

**Задание №69**

What is shown under the number 2?

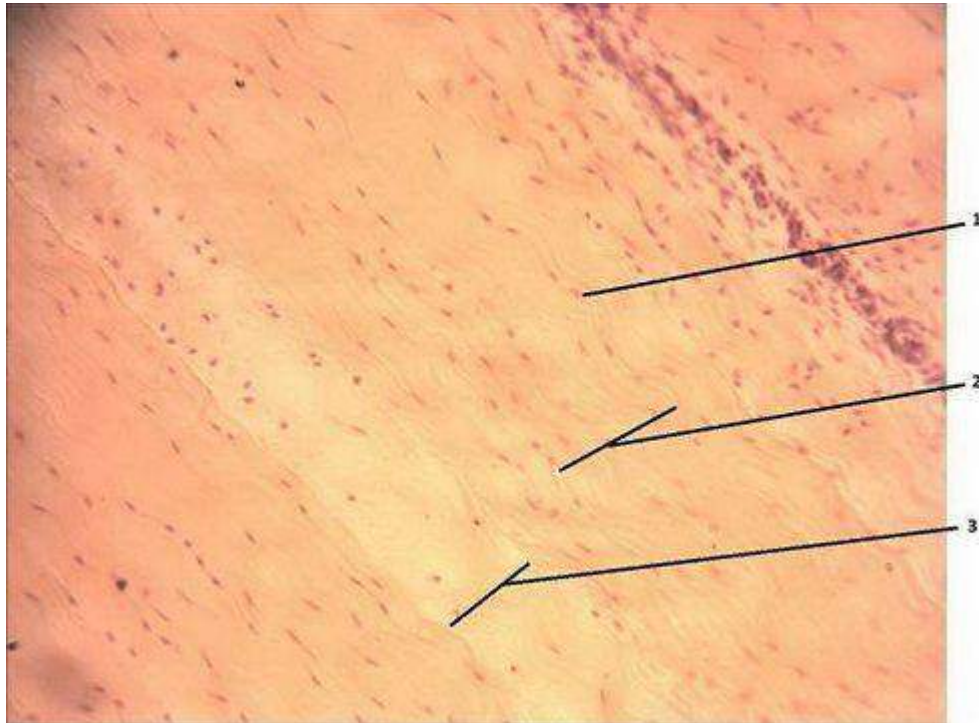


Выберите один из 4 вариантов ответа:

1)	+	Primary bundles of collagen fibers
2)	-	Tertiary bundles of collagen fibers
3)	-	Bundles of smooth muscle tissue
4)	-	Bundles of elastic fibers

**Задание №70**

What is shown under the number 3?

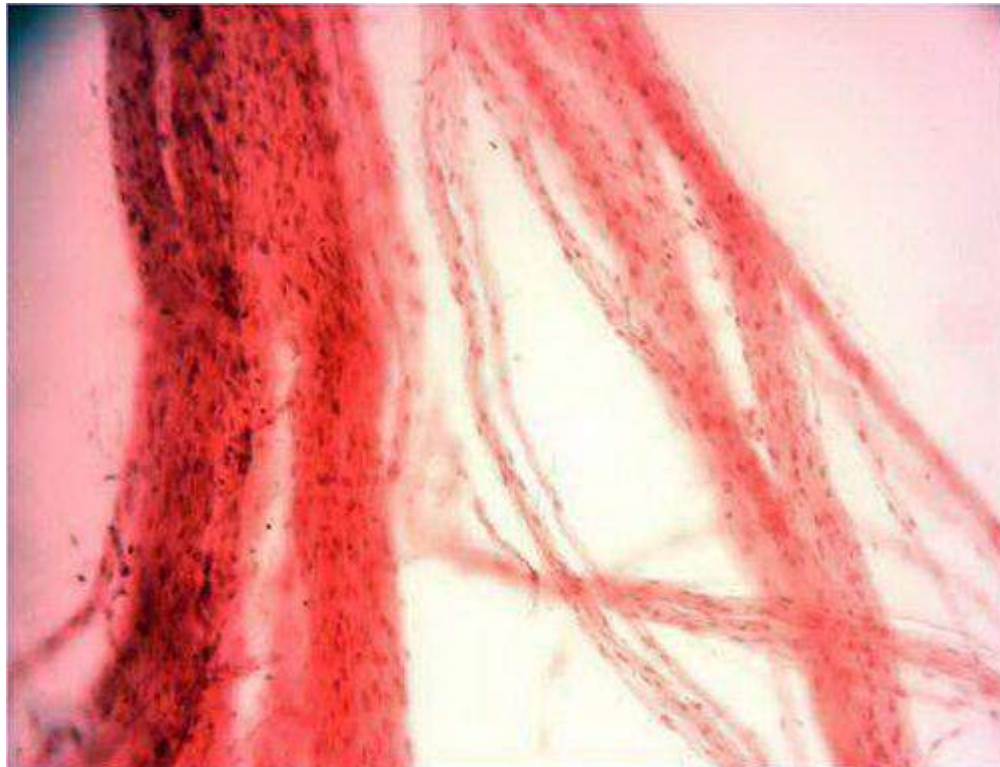


Выберите один из 3 вариантов ответа:

1)	+	Endotenon of tendon
2)	-	Epitenon of tendon
3)	-	Loose connective tissue of cartilage

#### Задание №71

Name this slide:

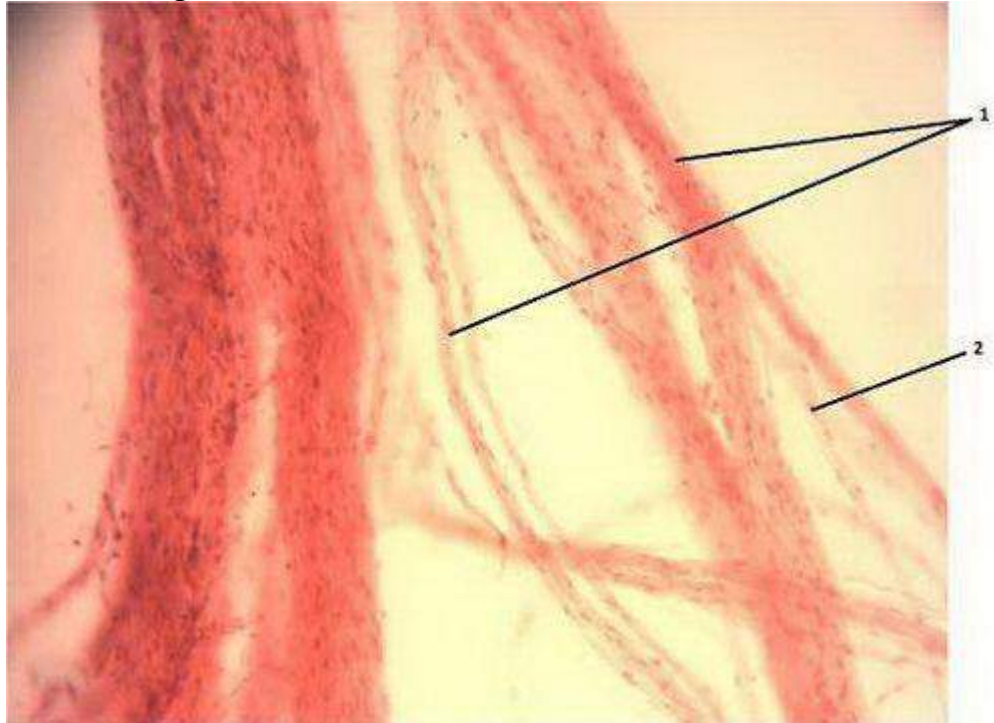


Выберите один из 4 вариантов ответа:

1)	+	Unmyelinated nerve fiber
2)	-	Myelinated nerve fiber
3)	-	Collagen fiber of tendon
4)	-	Bundles of smooth muscle tissue

**Задание №72**

Which of the following structures are marked as 1?

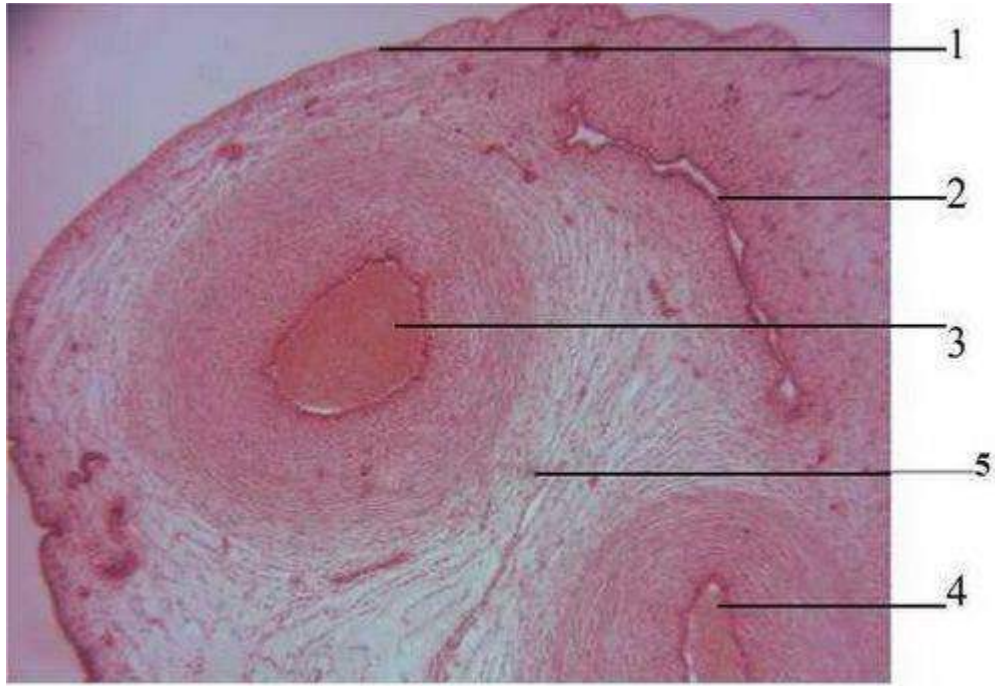


Выберите один из 4 вариантов ответа:

1)	+	Nuclei of Schwann cells of unmyelinated nerve fiber
2)	-	Nuclei of Schwann cells of myelinated nerve fiber
3)	-	Nuclei of fibrocytes in bundles of collagen fibers
4)	-	Nuclei of smooth muscle tissue

**Задание №73**

What is shown under the number 2?



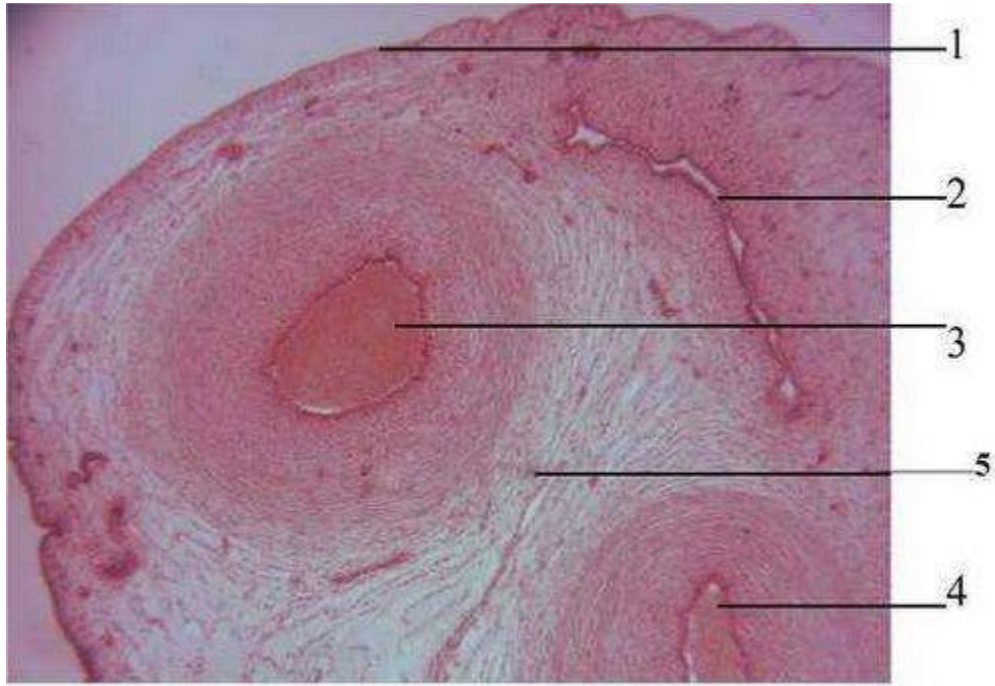
**Umbylical cord**

Выберите один из 4 вариантов ответа:

1)	+	Vein
2)	-	Arteries
3)	-	Rest of yolk sac
4)	-	Rest of allantoic

**Задание №74**

What is shown under the number 5?



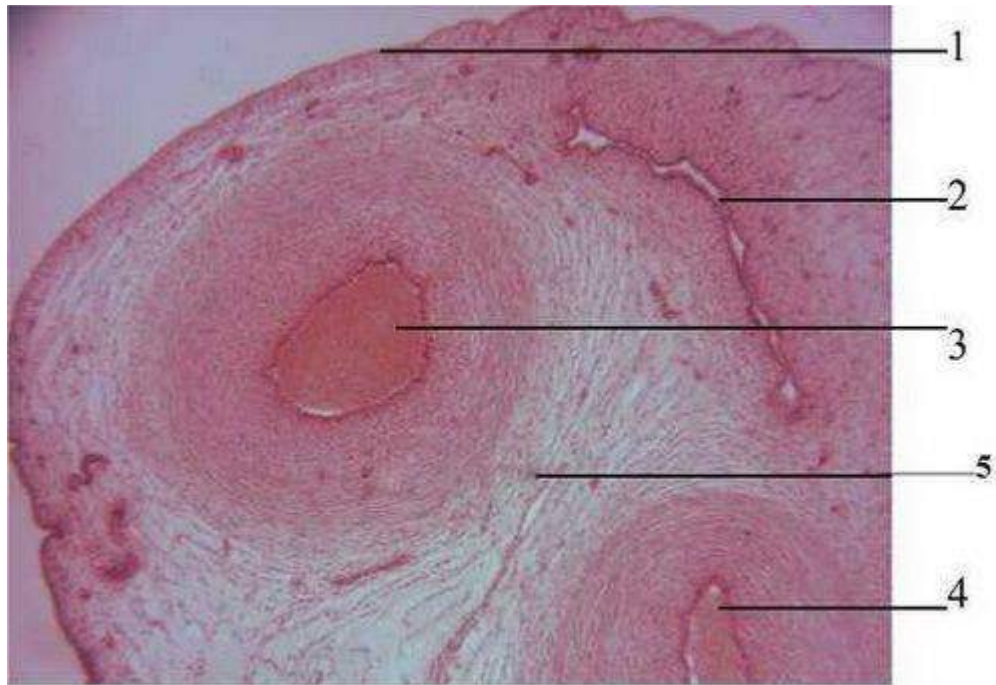
**Umbylical cord**

Выберите один из 4 вариантов ответа:

1)	+	Wharton's jelly
2)	-	Loose connective tissue
3)	-	Dense connective tissue
4)	-	Reticular tissue

**Задание №75**

Name this slide:



**Umbylical cord**

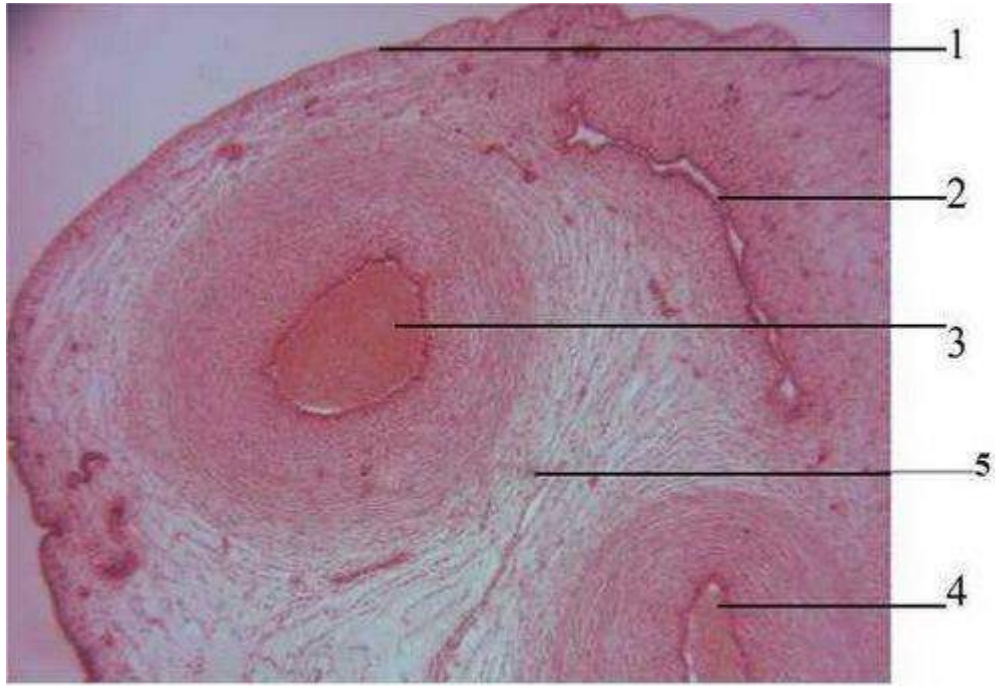
Выберите один из 4 вариантов ответа:

1)	+	Umbilical cord
2)	-	Testis
3)	-	Allantois
4)	-	Lung

**Задание №76**

What structure is marked by number 1?





**Umbylical cord**

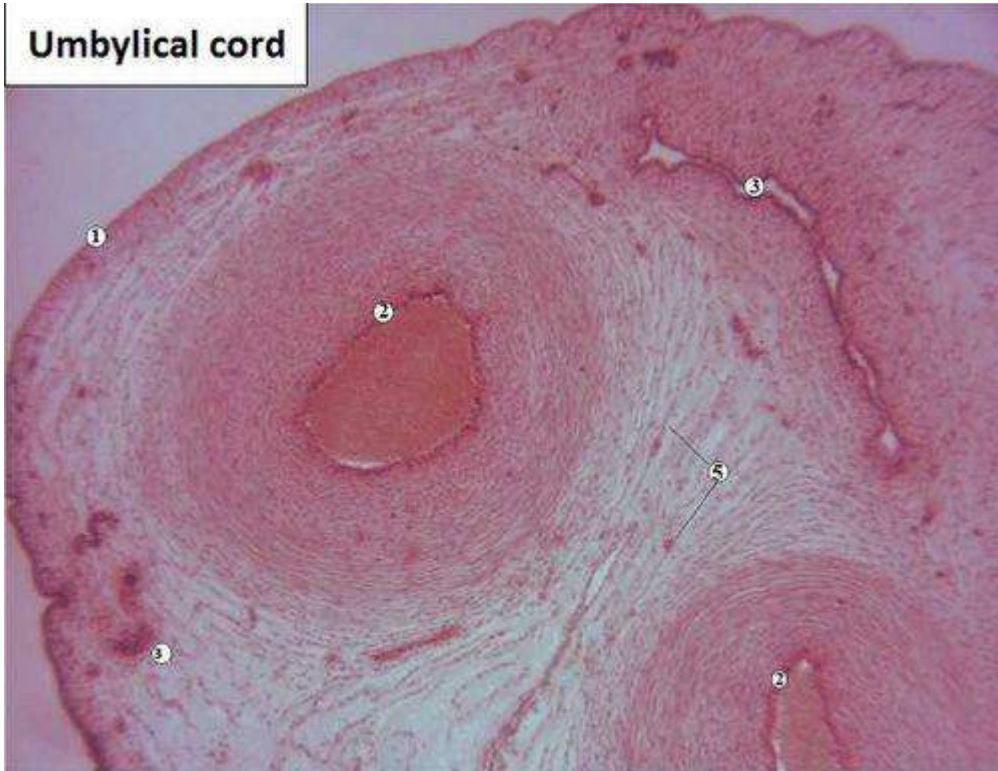
Выберите один из 4 вариантов ответа:

1)	+	Amniotic epithelium
2)	-	Syncytiotrophoblast
3)	-	Mucous tissue
4)	-	Vein

**Задание №77**

What structure is marked by number 3?

## Umbylical cord

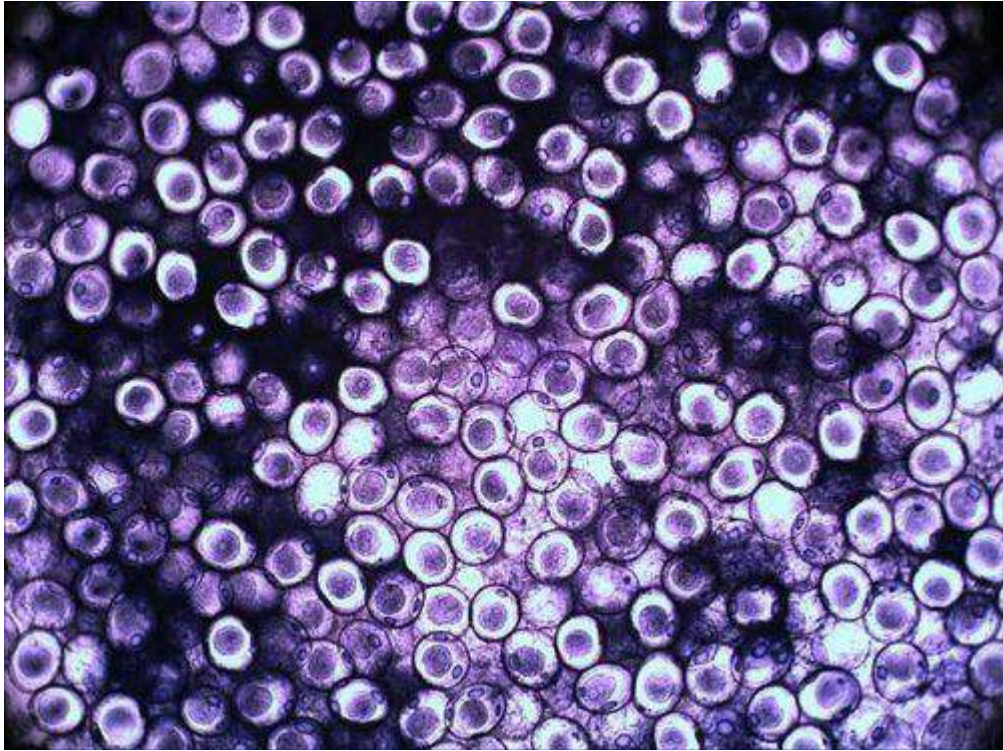


Выберите один из 4 вариантов ответа:

1)	+	Arteries
2)	-	Rest of yolk sac
3)	-	Mucous tissue
4)	-	Vein

### Задание №78

Name this slide:

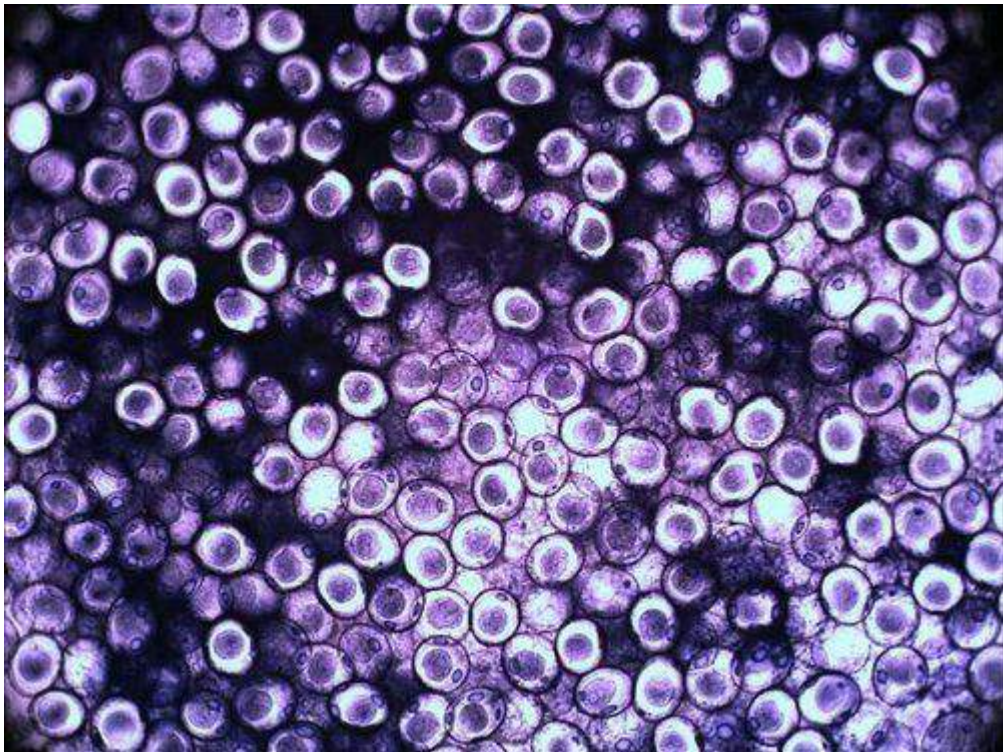


Выберите один из 3 вариантов ответа:

- |    |   |               |
|----|---|---------------|
| 1) | + | Synkarion     |
| 2) | - | Cleavage      |
| 3) | - | Fertilization |

#### Задание №79

Name this slide:



Выберите один из 3 вариантов ответа:

1)	+	Female and male pronuclei ,perivitellin's space, polar bodies
2)	-	Female and male pronuclei , cytoplasm of ovum
3)	-	Female and male pronuclei , polar bodie, cytoplasm of ovum

**Задание №80**

Name this slide:

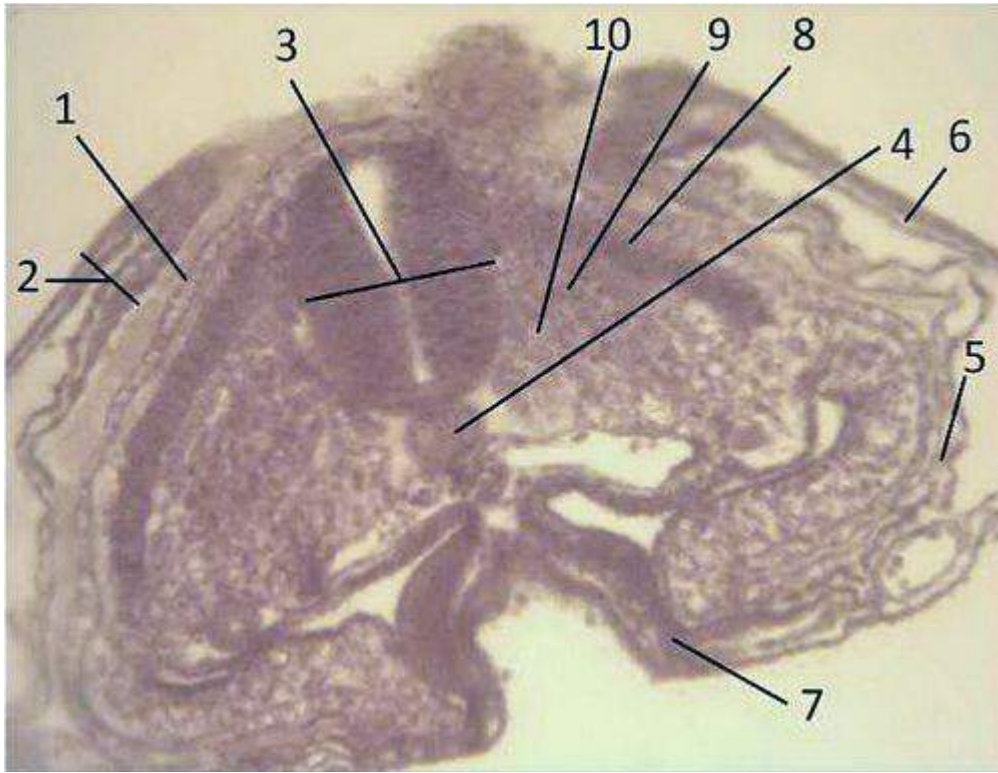


Выберите один из 4 вариантов ответа:

1)	+	Body and amniotic folds of embrion
2)	-	Notochord, somites, neural tube
3)	-	Primitive streak
4)	-	Cleavage

**Задание №81**

What is shown under the number 1?

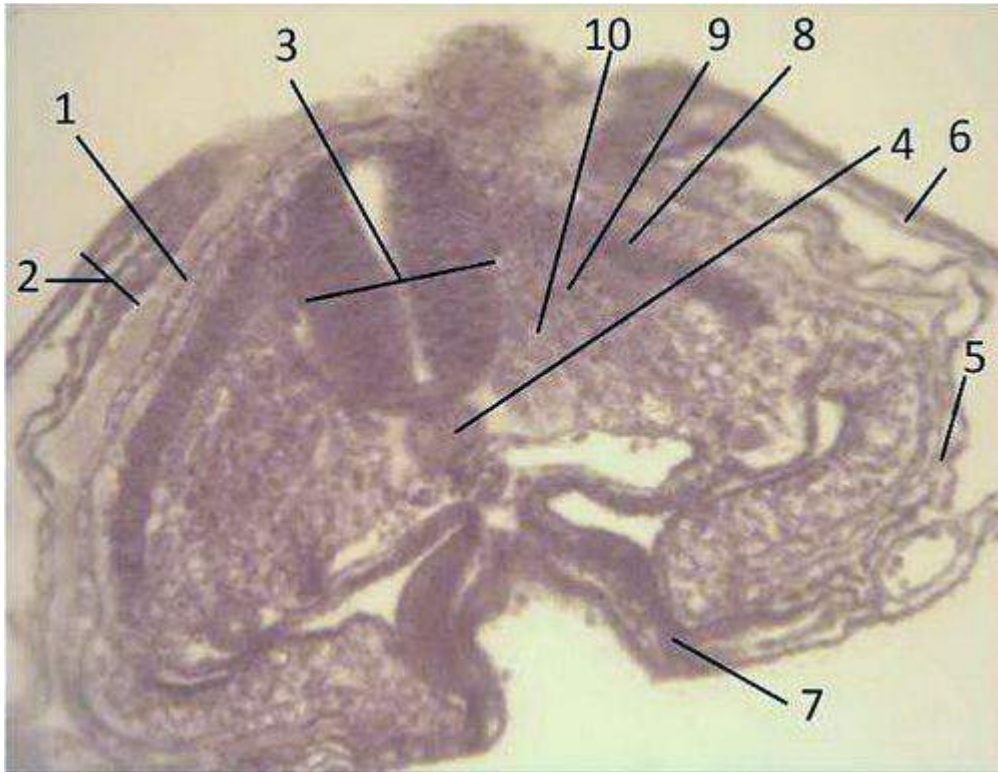


Выберите один из 4 вариантов ответа:

1)	+	Skin ectoderm
2)	-	Neural ectoderm
3)	-	Somites
4)	-	Neural tube

#### Задание №82

What is shown under the number 2?

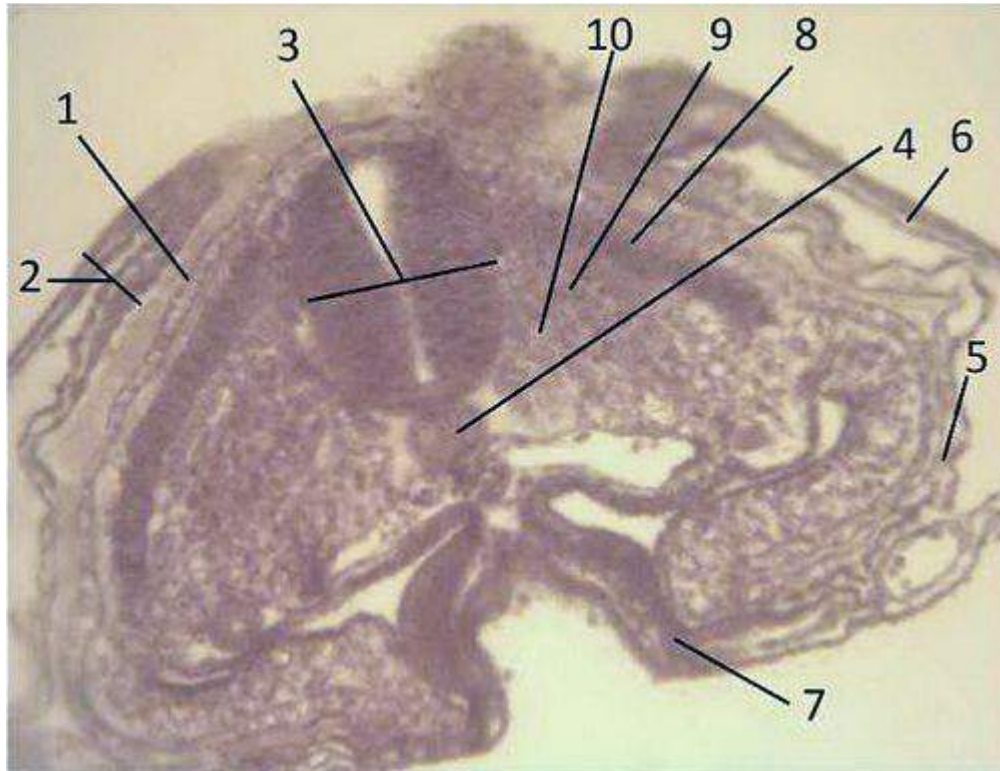


Выберите один из 4 вариантов ответа:

1)	+	Amniotic folds
2)	-	Body folds
3)	-	Visceral mesoderm
4)	-	Parietal mesoderm

#### Задание №83

What is shown under the number 3?

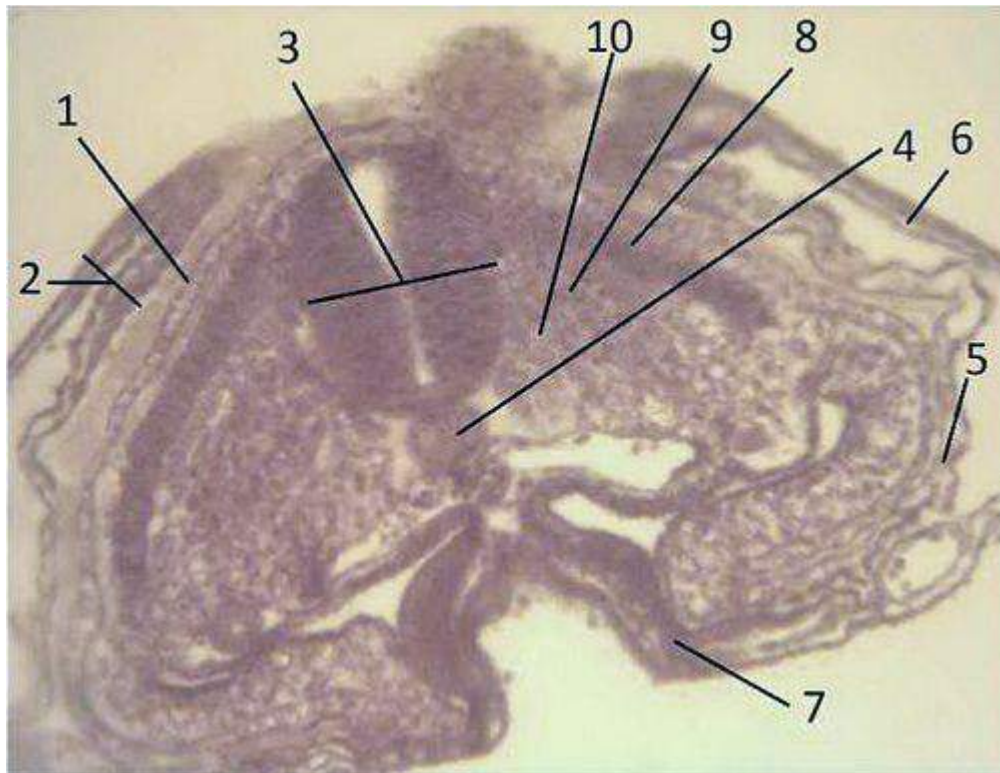


Выберите один из 4 вариантов ответа:

1)	+	Neural tube
2)	-	Somites
3)	-	Intraembryonic coelom
4)	-	Sclerotome

**Задание №84**

What is shown under the number 4?



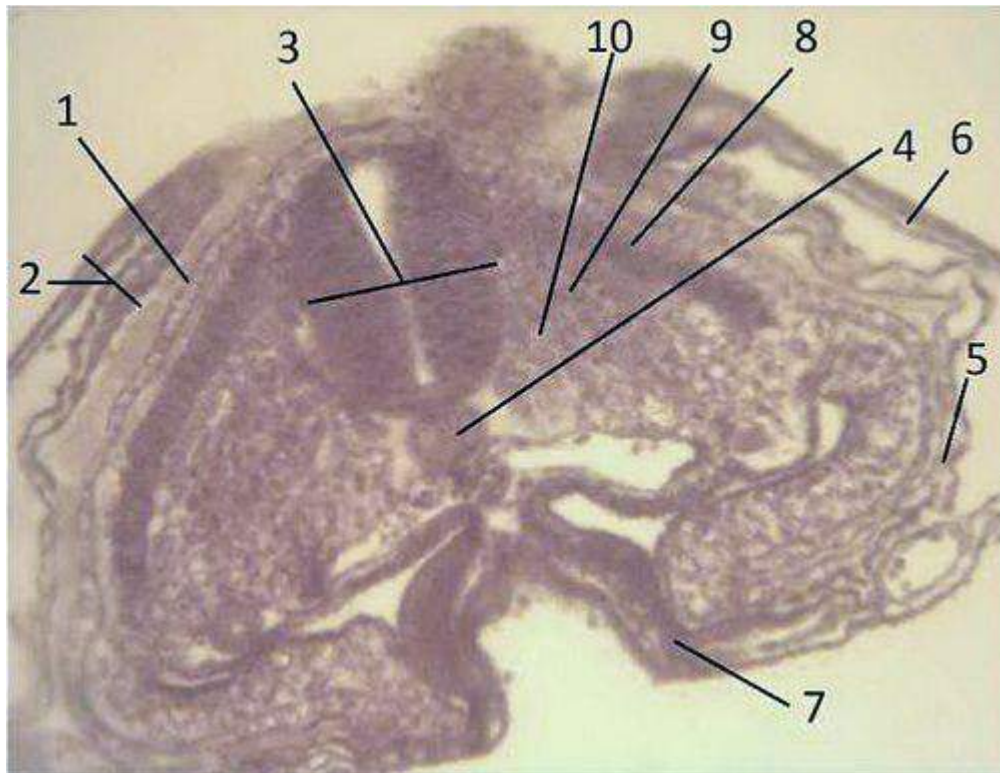
Выберите один из 4 вариантов ответа:

1)	+	Notochord
2)	-	Neural tube
3)	-	Somites
4)	-	Sclerotome

#### Задание №85

What is shown under the number 5?



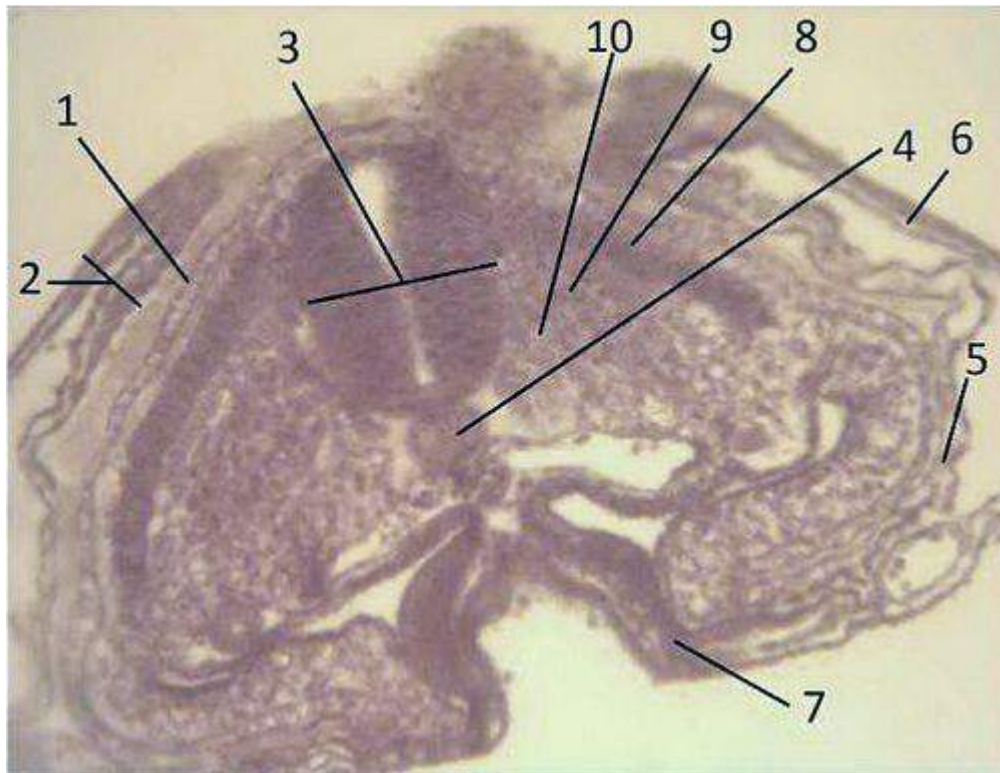


Выберите один из 4 вариантов ответа:

1)	+	Visceral mesoderm
2)	-	Parietal mesoderm
3)	-	Ectoderm
4)	-	Entoderm

#### Задание №86

What is shown under the number 6?

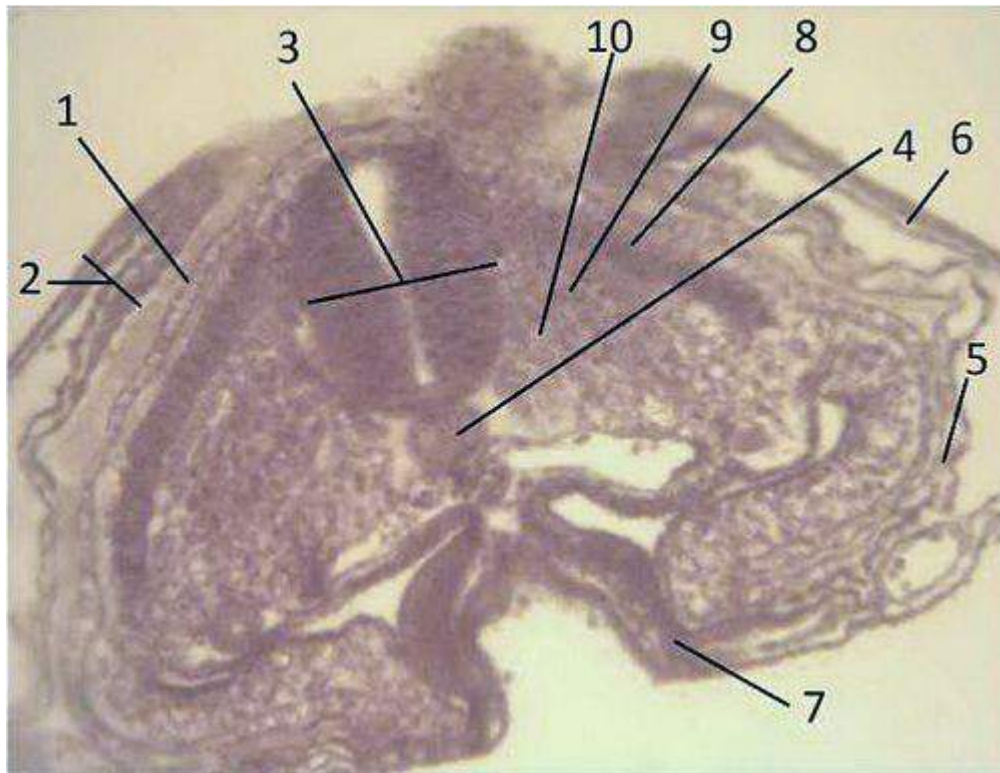


Выберите один из 4 вариантов ответа:

1)	+	Parietal mesoderm
2)	-	Visceral mesoderm
3)	-	Entoderm
4)	-	Ectoderm

#### Задание №87

What is shown under the number 7?

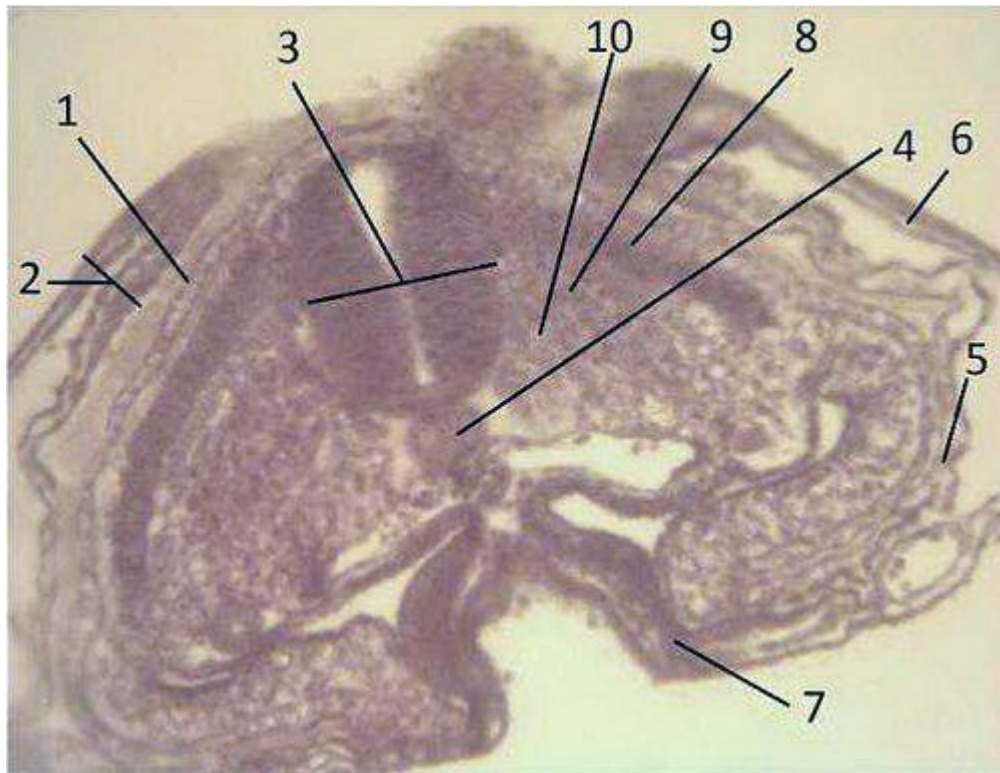


Выберите один из 4 вариантов ответа:

1)	+	Folds of body
2)	-	Folds of amnion
3)	-	Somites
4)	-	Sclerotome

#### Задание №88

What is shown under the number 8?

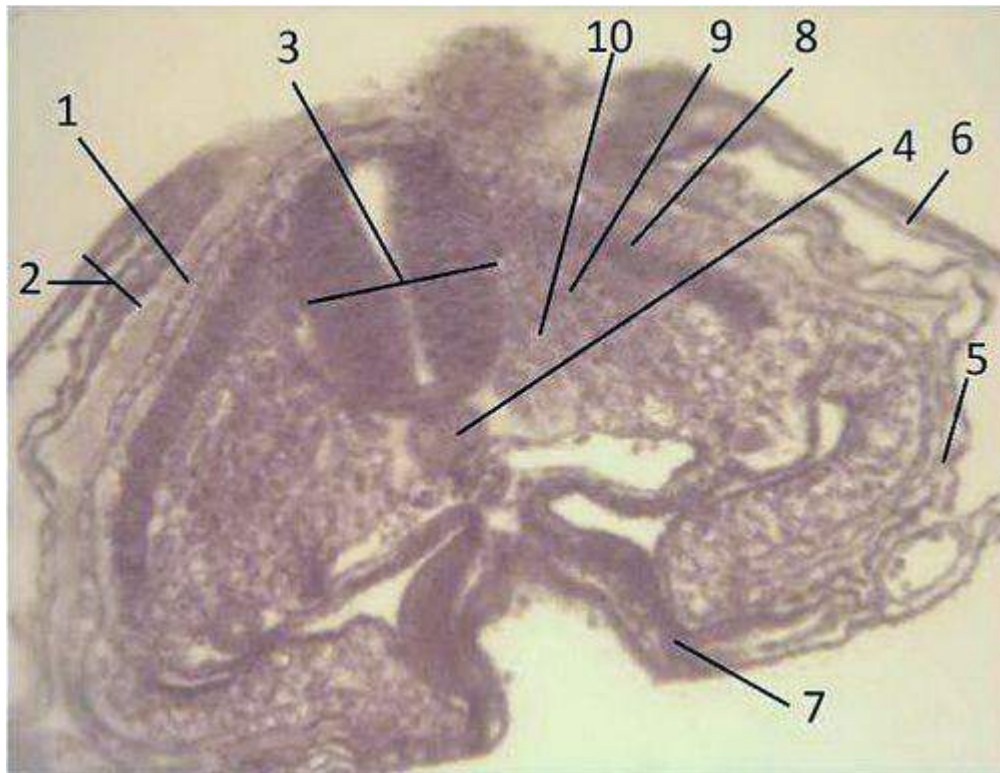


Выберите один из 4 вариантов ответа:

1)	+	Dermatome
2)	-	Sclerotoma
3)	-	Myotome
4)	-	Neural tube

#### Задание №89

What is shown under the number 9?

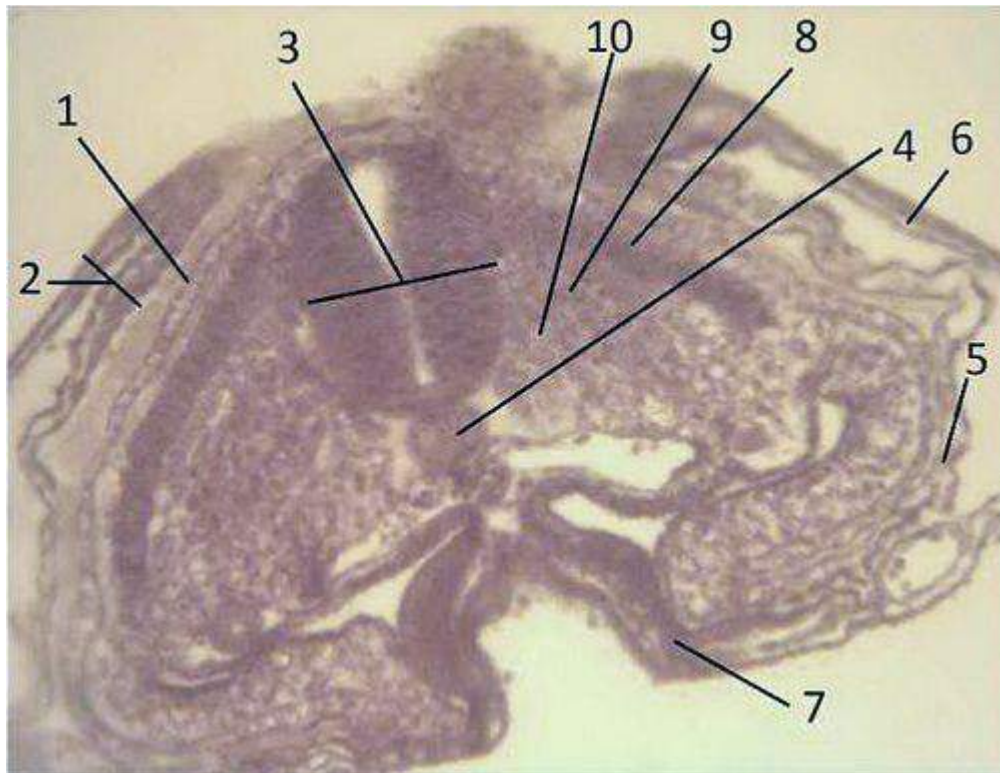


Выберите один из 4 вариантов ответа:

1)	+	Myotome
2)	-	Dermatome
3)	-	Sclerotoma
4)	-	Notochord

**Задание №90**

What is shown under the number 10?

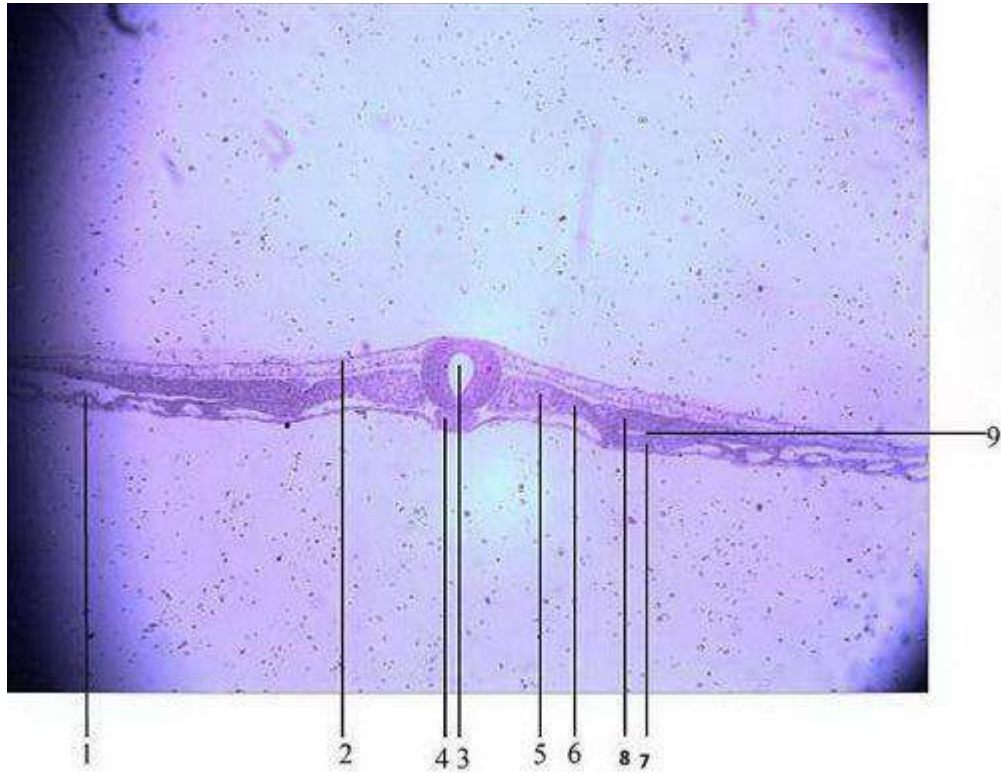


Выберите один из 4 вариантов ответа:

1)	+	Sclerotoma
2)	-	Dermatome
3)	-	Myotome
4)	-	Notochord

#### Задание №91

Name this slide:

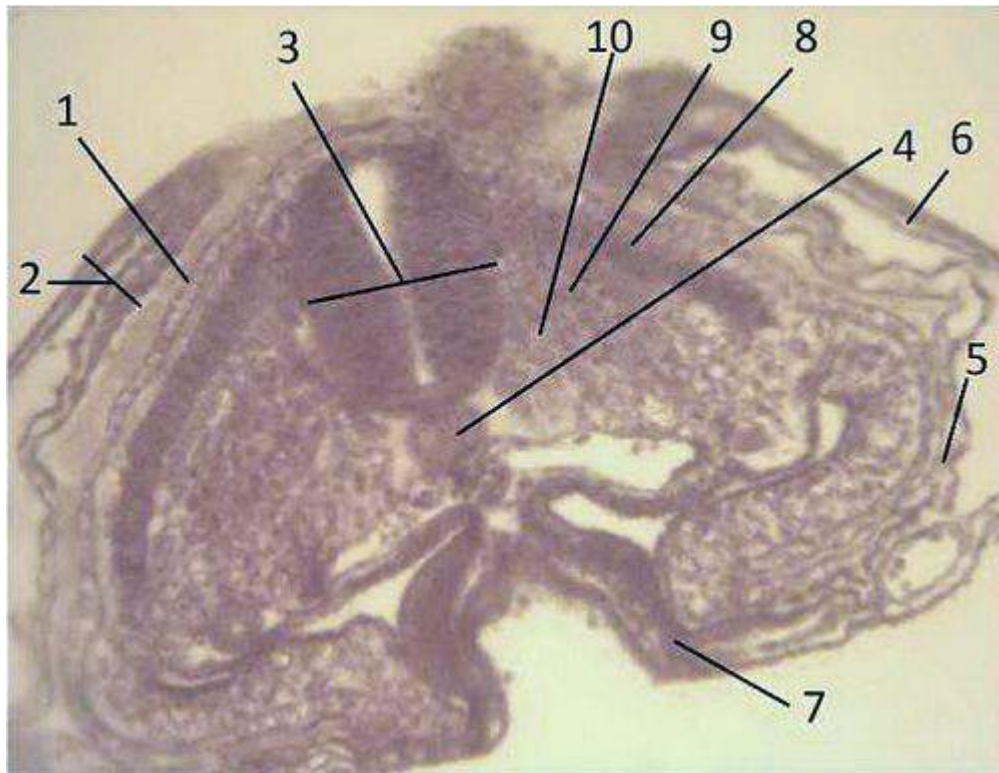


Выберите один из 4 вариантов ответа:

1)	+	Notochord, somites, neural tube
2)	-	Body and amniotic folds of embrion
3)	-	Primitive streak
4)	-	Cleavage

#### Задание №92

What is shown under the number 1?



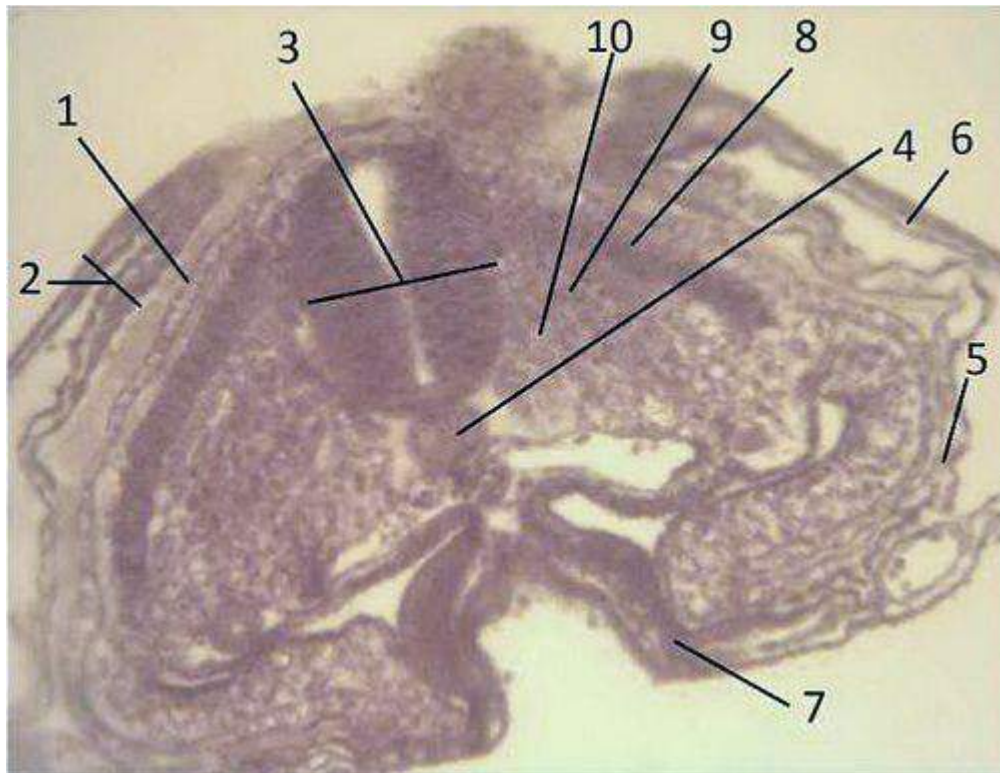
Выберите один из 4 вариантов ответа:

1)	+	Entoderm
2)	-	Ectoderm
3)	-	Mesoderm
4)	-	Parietal layer of splanchnotom

**Задание №93**

What is shown under the number 2?



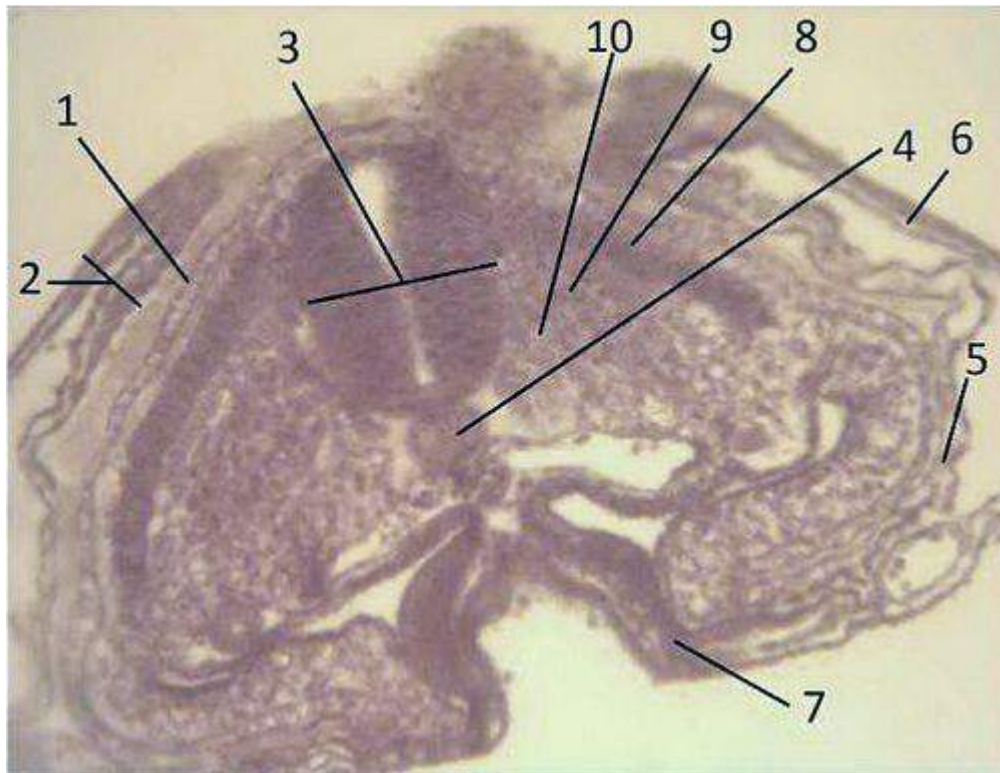


Выберите один из 4 вариантов ответа:

1)	+	Ectoderm
2)	-	Entoderm
3)	-	Mesoderm
4)	-	Parietal layer of splanchnotom

**Задание №94**

What is shown under the number 3?

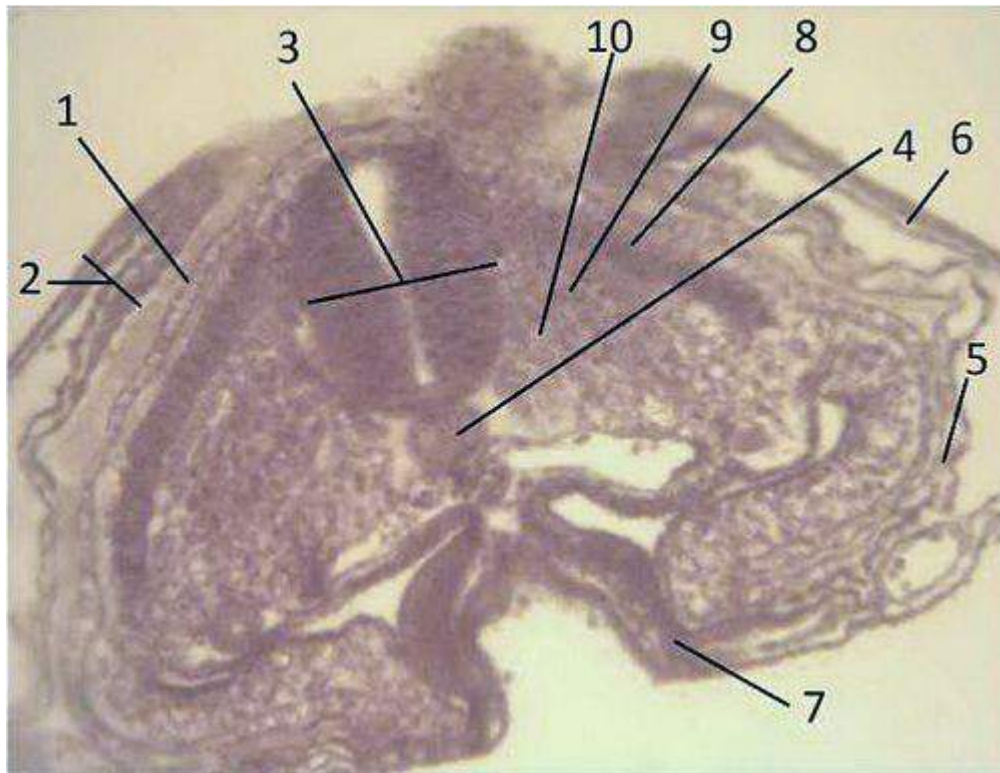


Выберите один из 4 вариантов ответа:

1)	+	Neural tube
2)	-	Somites
3)	-	Chorda
4)	-	Ectoderm

#### Задание №95

What is shown under the number 4?

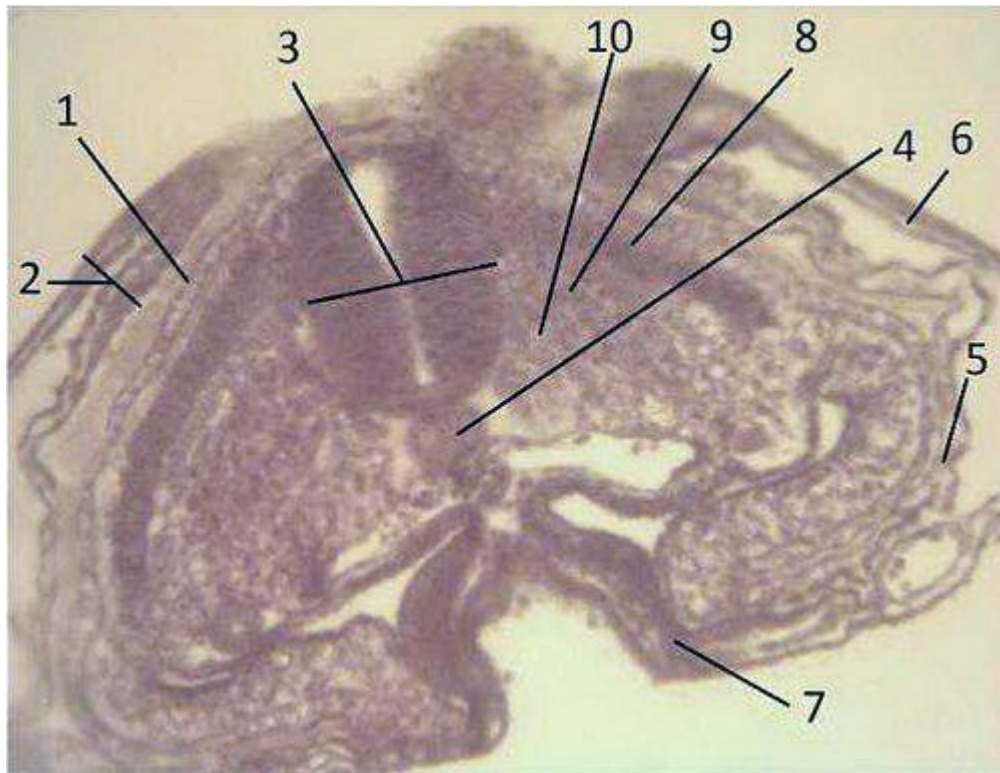


Выберите один из 4 вариантов ответа:

1)	+	Chorda
2)	-	Somites
3)	-	Neural tube
4)	-	Ectoderm

#### Задание №96

What is shown under the number 5?

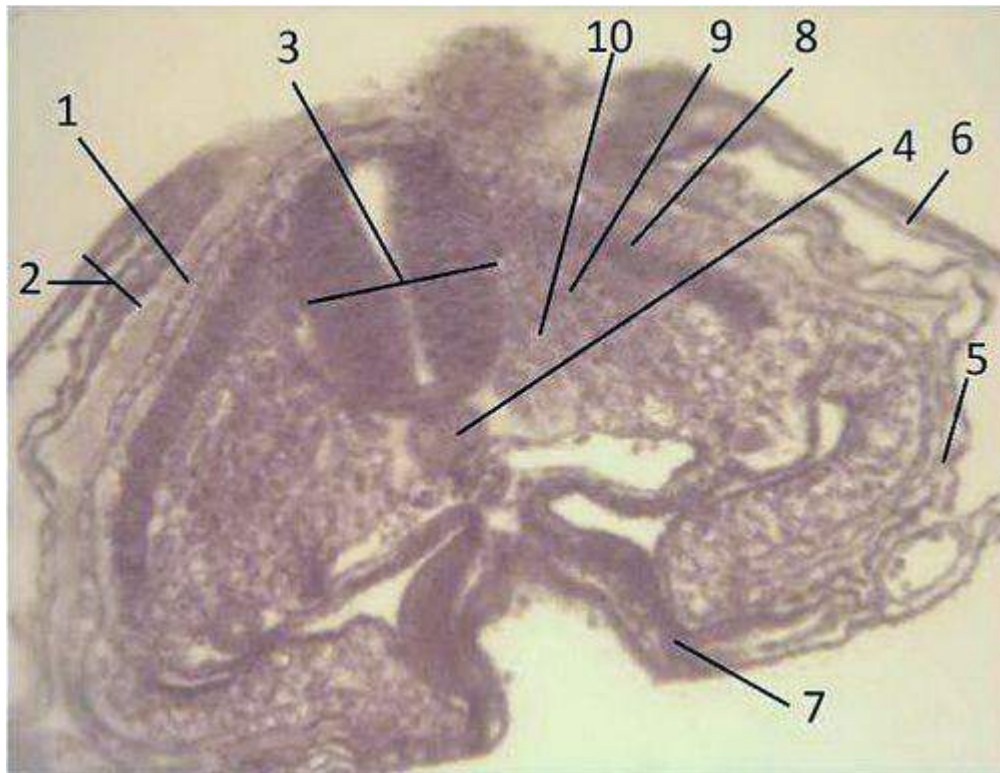


Выберите один из 4 вариантов ответа:

1)	+	Somites
2)	-	Chorda
3)	-	Neural tube
4)	-	Ectoderm

#### Задание №97

What is shown under the number 6?

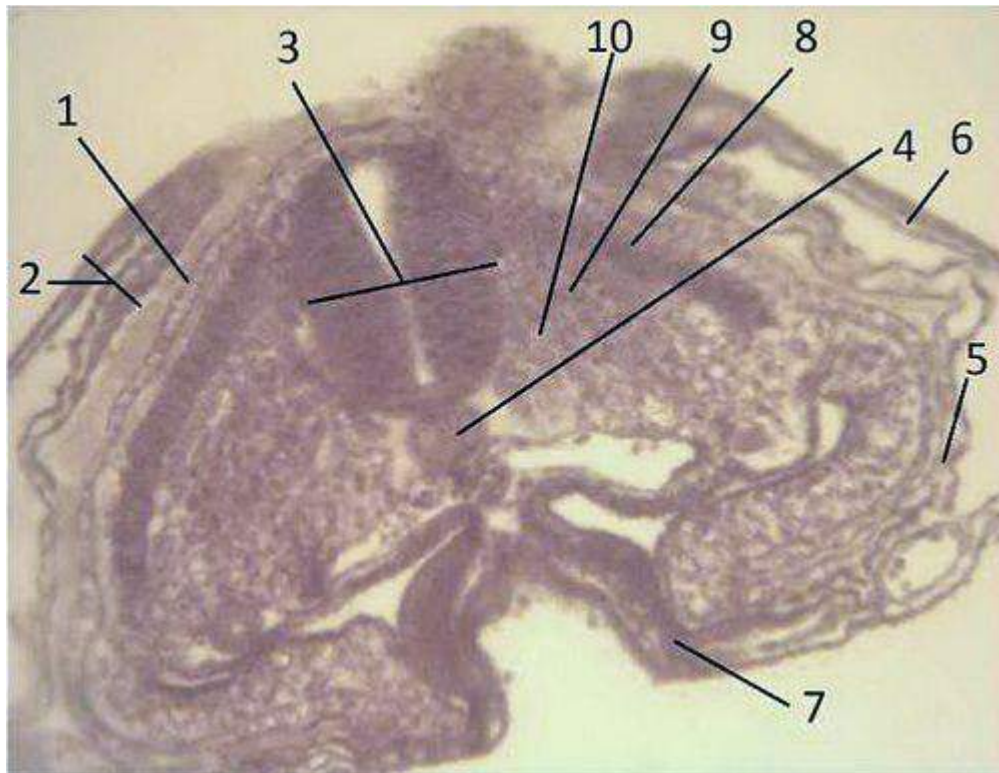


Выберите один из 4 вариантов ответа:

1)	+	Intermediate mesoderm
2)	-	Chorda
3)	-	Neural tube
4)	-	Somites

#### Задание №98

What is shown under the number 7?

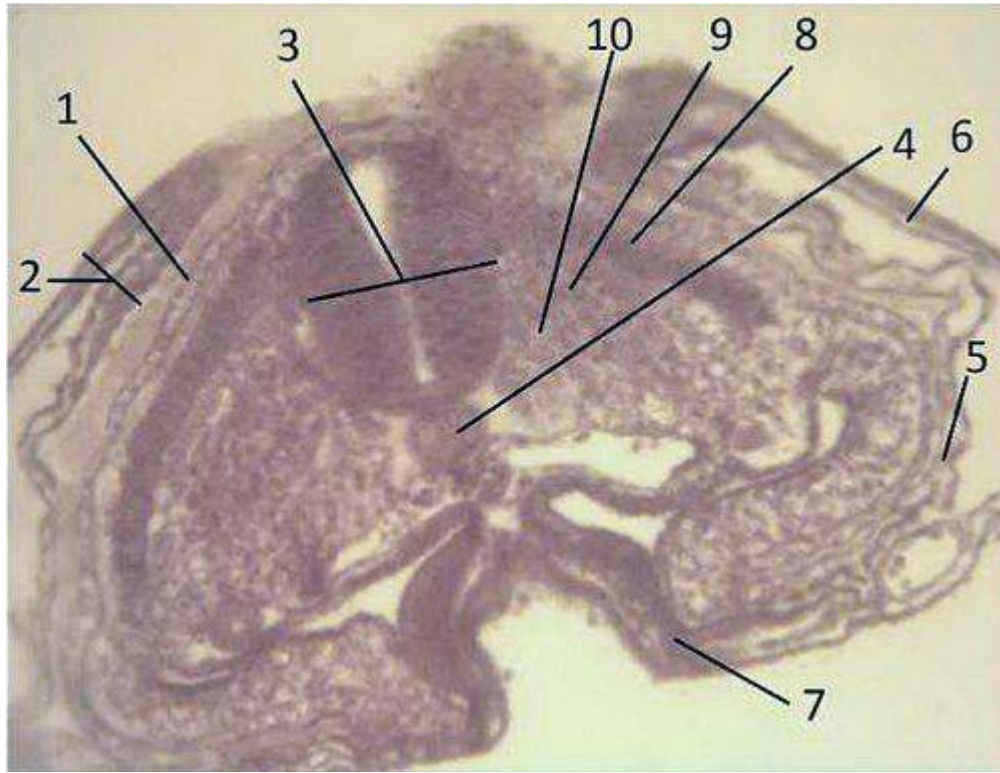


Выберите один из 4 вариантов ответа:

1)	+	Visceral layer of mesoderm
2)	-	Parietal layer of mesoderm
3)	-	Intermediate layer of mesoderm
4)	-	Somites

#### Задание №99

What is shown under the number 8?

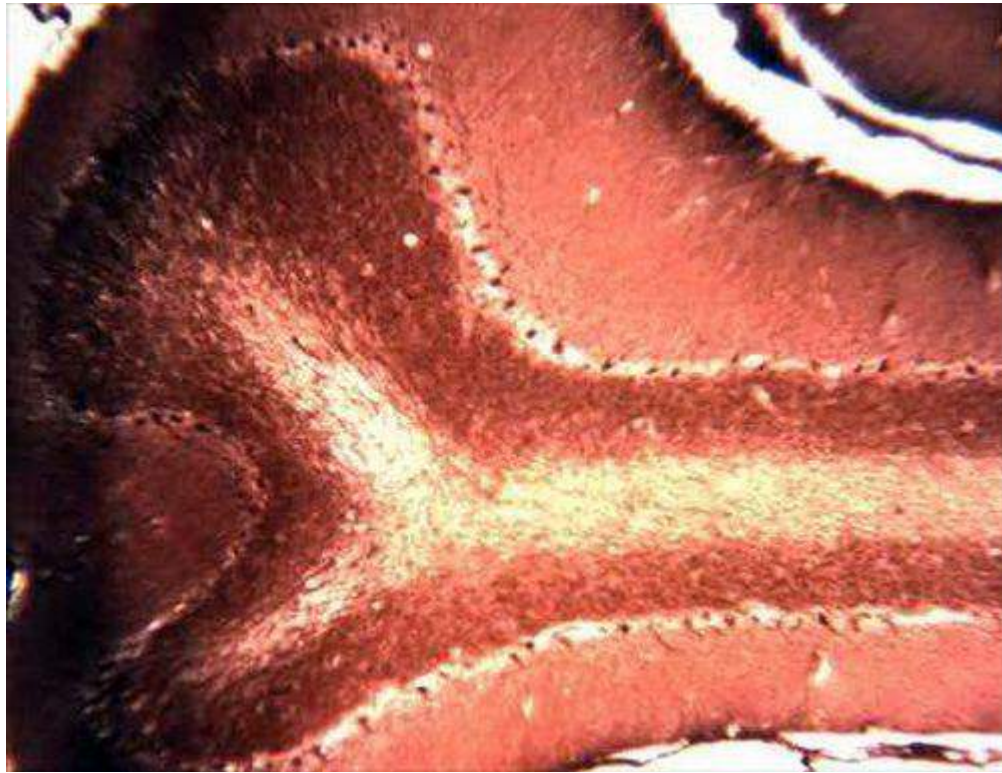


Выберите один из 4 вариантов ответа:

1)	+	Parietal layer of mesoderm
2)	-	Visceral layer of mesoderm
3)	-	Intermediate layer of mesoderm
4)	-	Somites

#### Задание №100

Name this slide:



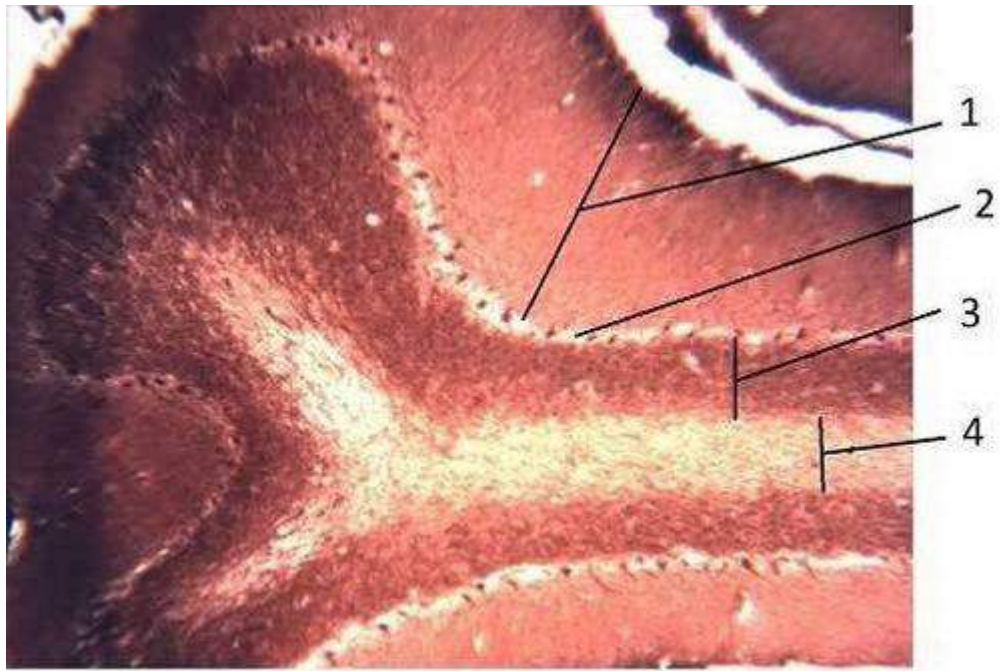
Выберите один из 4 вариантов ответа:

1)	+	Cerebellum
2)	-	Cerebral cortex
3)	-	Adrenal gland
4)	-	Ureter

**Задание №101**

Which of the following number correspond to the granule cell layer of the cerebellum?





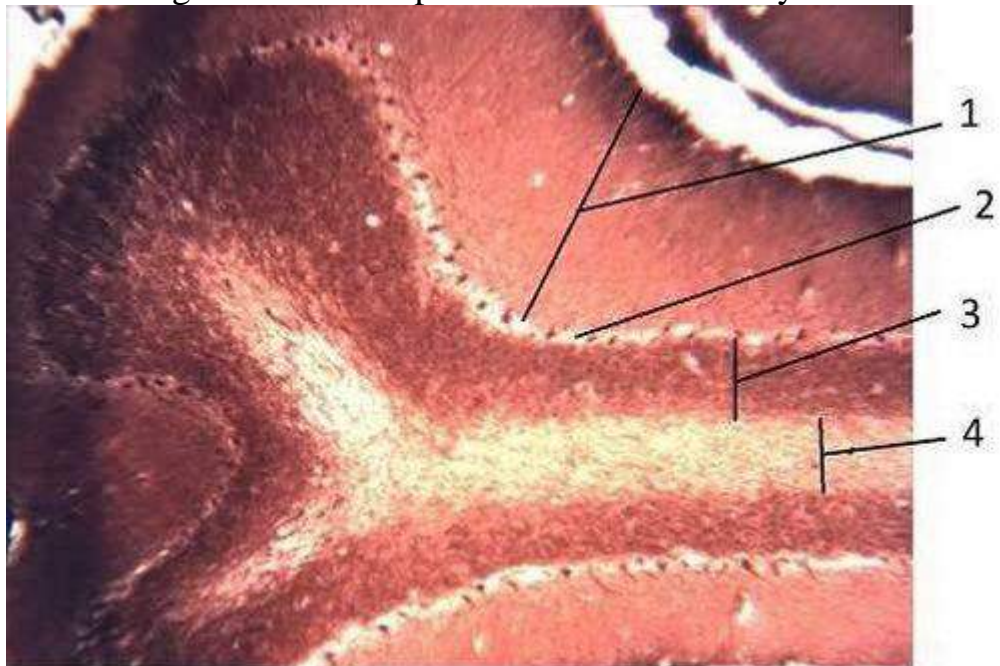
**Cerebellum**

Выберите один из 4 вариантов ответа:

1)	+	3
2)	-	1
3)	-	2
4)	-	4

**Задание №102**

Which of the following number correspond to the molecular layer of the cerebellum?



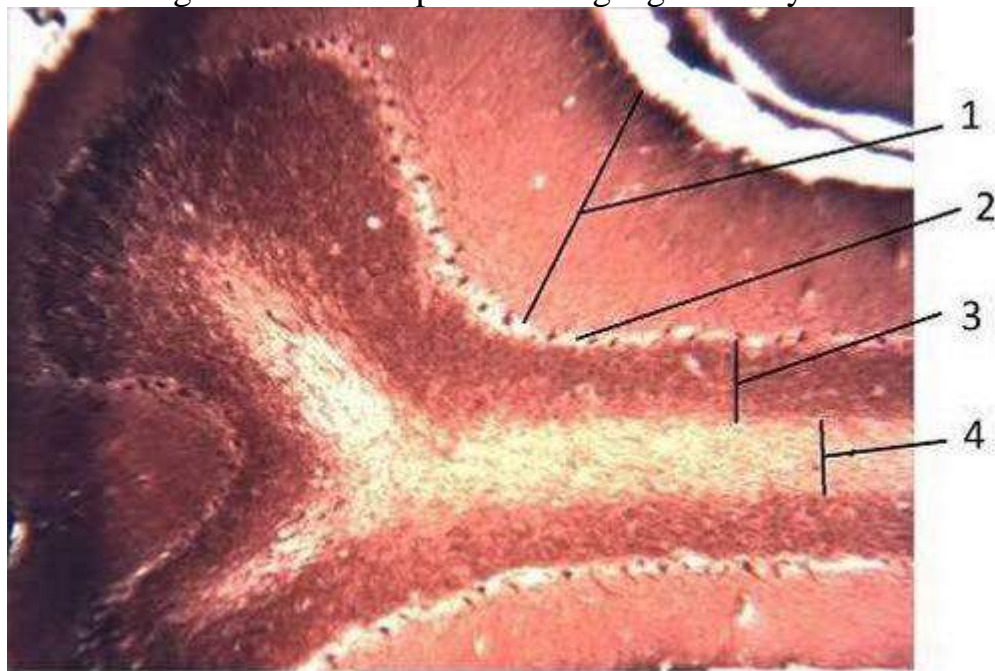
**Cerebellum**

Выберите один из 4 вариантов ответа:

1)	+	1
2)	-	2
3)	-	3
4)	-	4

**Задание №103**

Which of the following number correspond to the ganglionic layer of the cerebellum?



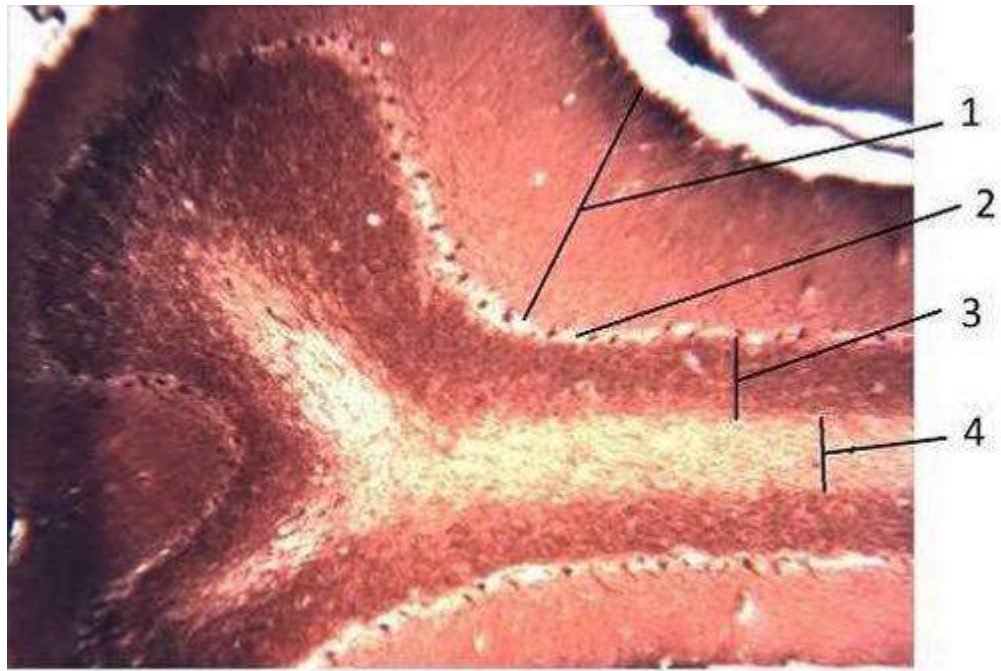
**Cerebellum**

Выберите один из 4 вариантов ответа:

1)	+	2
2)	-	1
3)	-	3
4)	-	4

**Задание №104**

Which of the following number correspond to the white matter of the brain?



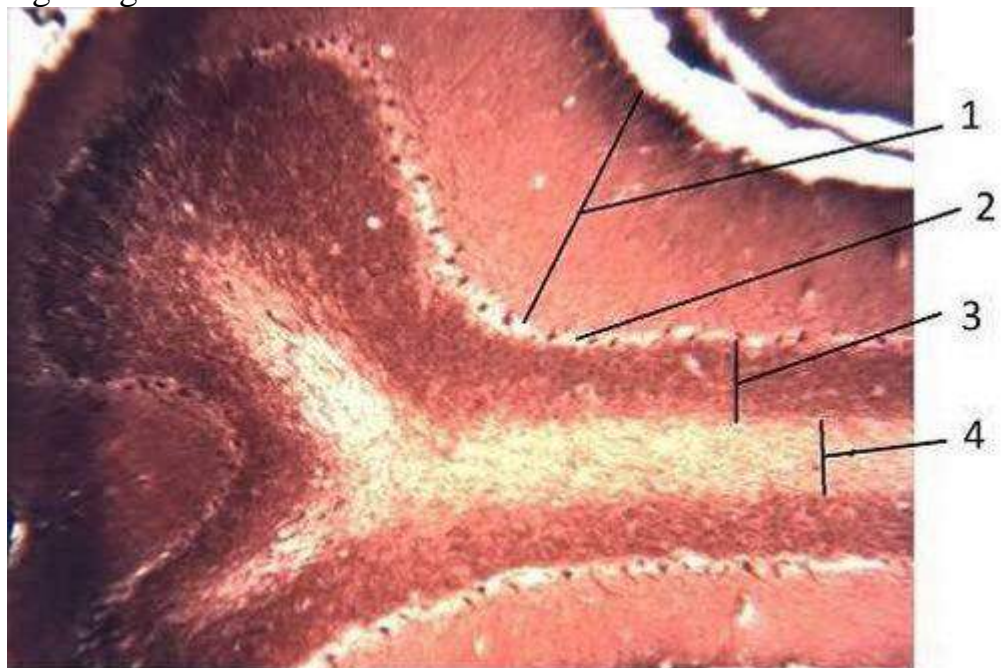
**Cerebellum**

Выберите один из 4 вариантов ответа:

1)	+	4
2)	-	1
3)	-	2
4)	-	3

**Задание №105**

What staining has given slide?



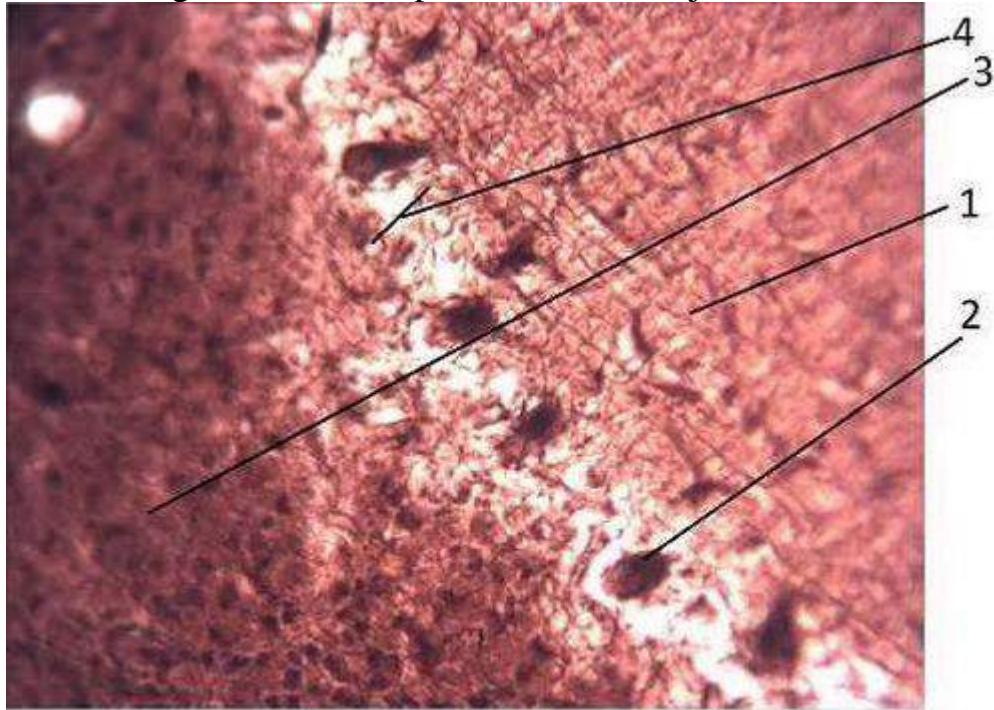
**Cerebellum**

Выберите один из 4 вариантов ответа:

1)	+	Silver impregnation
2)	-	Hematoxylin - eosin
3)	-	Iron hematoxylin
4)	-	Osmic acid

**Задание №106**

Which of the following number correspond to the Purkinje cells of the cerebellum?



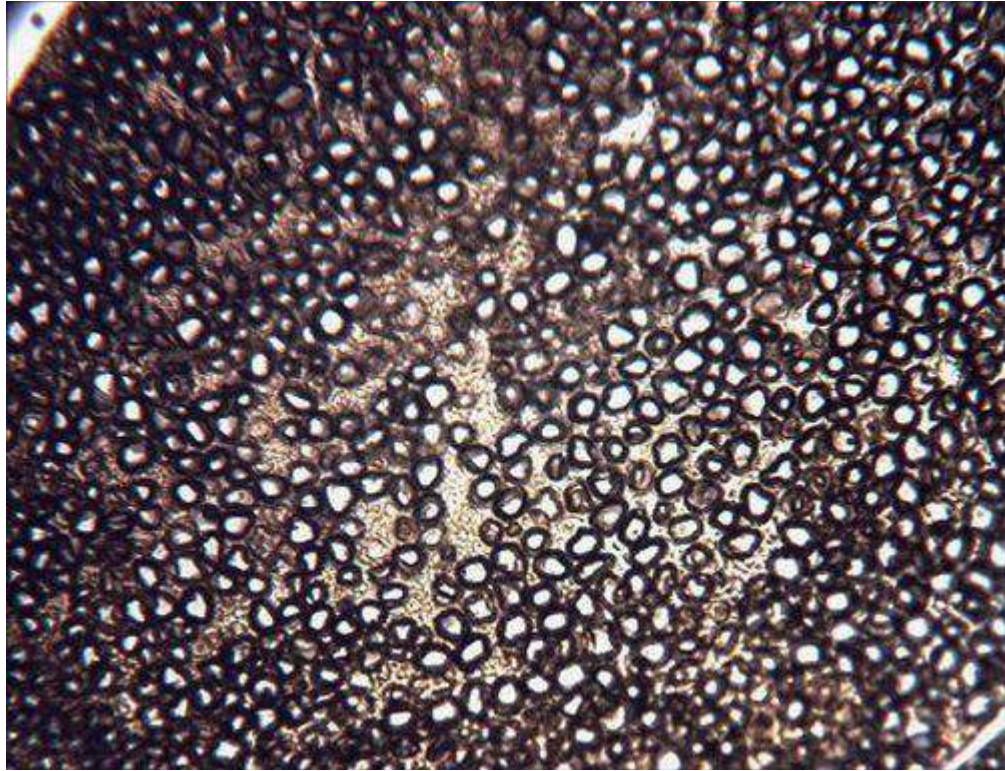
**Cerebellum**

Выберите один из 4 вариантов ответа:

1)	+	2
2)	-	1
3)	-	3
4)	-	4

**Задание №107**

Name this slide:

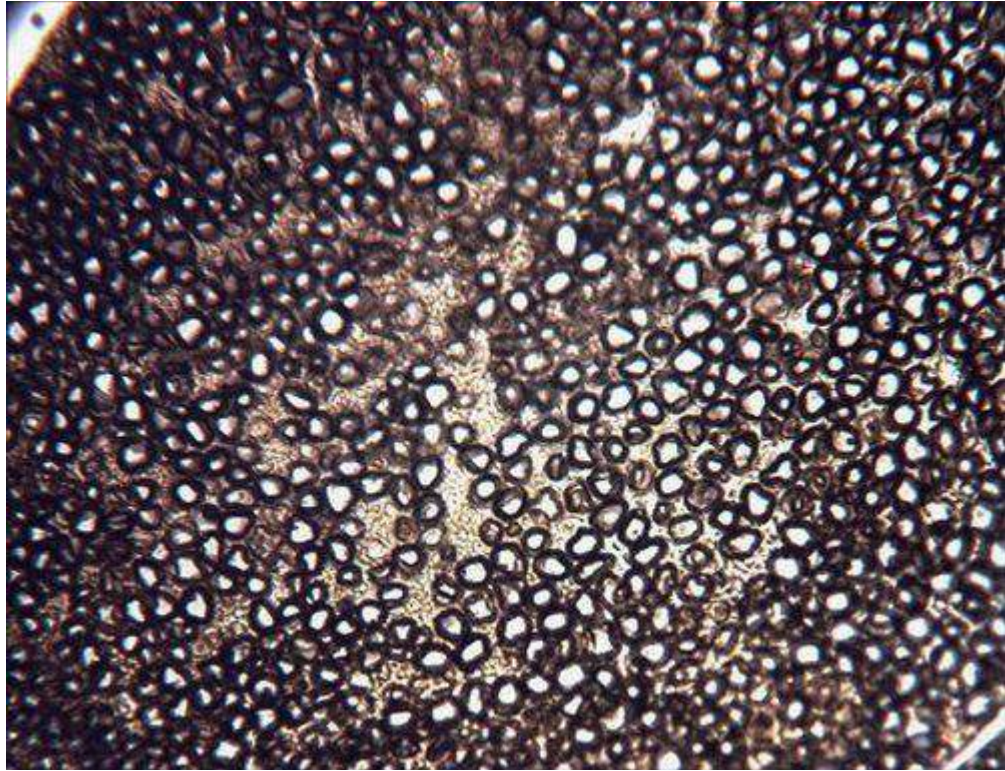


Выберите один из 4 вариантов ответа:

1)	+	Nerve
2)	-	Spinal ganglia
3)	-	Thyroid gland
4)	-	Adrenal gland

**Задание №108**

What staining has given slide?

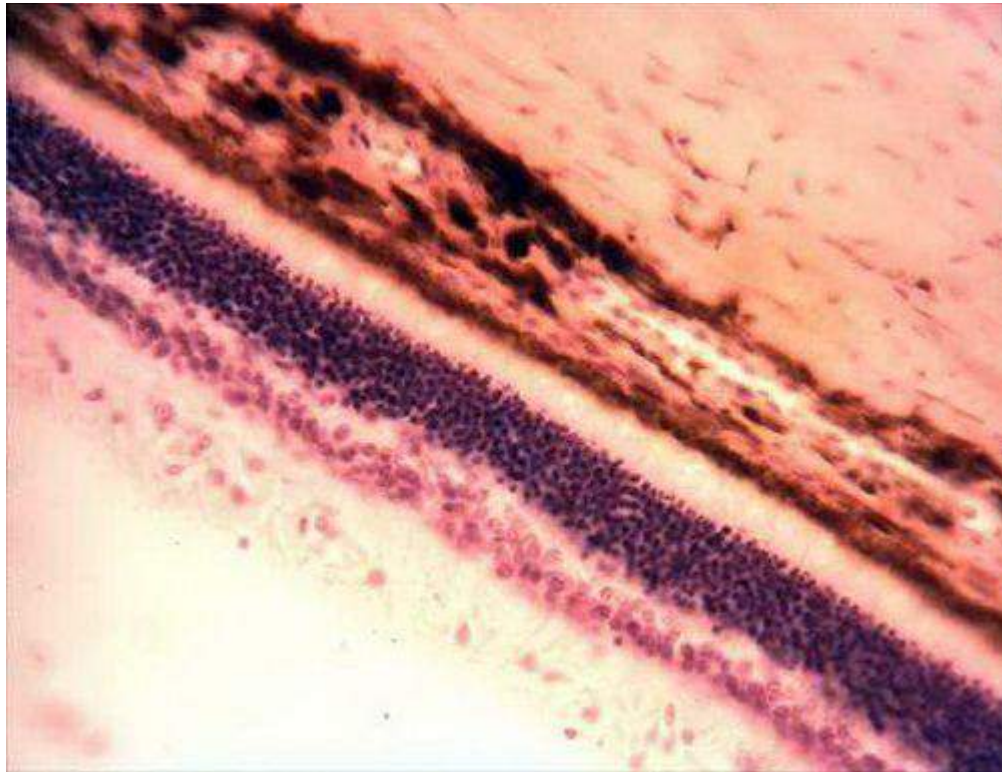


Выберите один из 4 вариантов ответа:

1)	+	Osmic impregnation
2)	-	Hematoxylin - eosin
3)	-	Iron hematoxylin
4)	-	Silver impregnation

**Задание №109**

Name this slide:

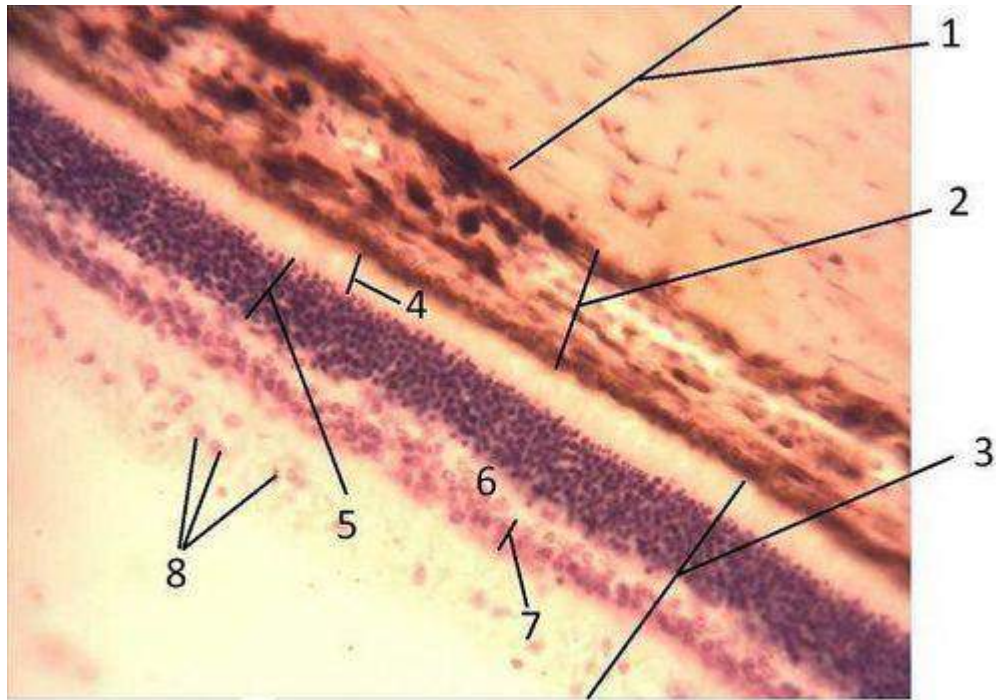


Выберите один из 4 вариантов ответа:

1)	+	Posterior wall of the eye
2)	-	Skin of finger
3)	-	Hypophysis
4)	-	Cornea

**Задание №110**

What is shown under the number 3?



**Posterior wall of the eye**

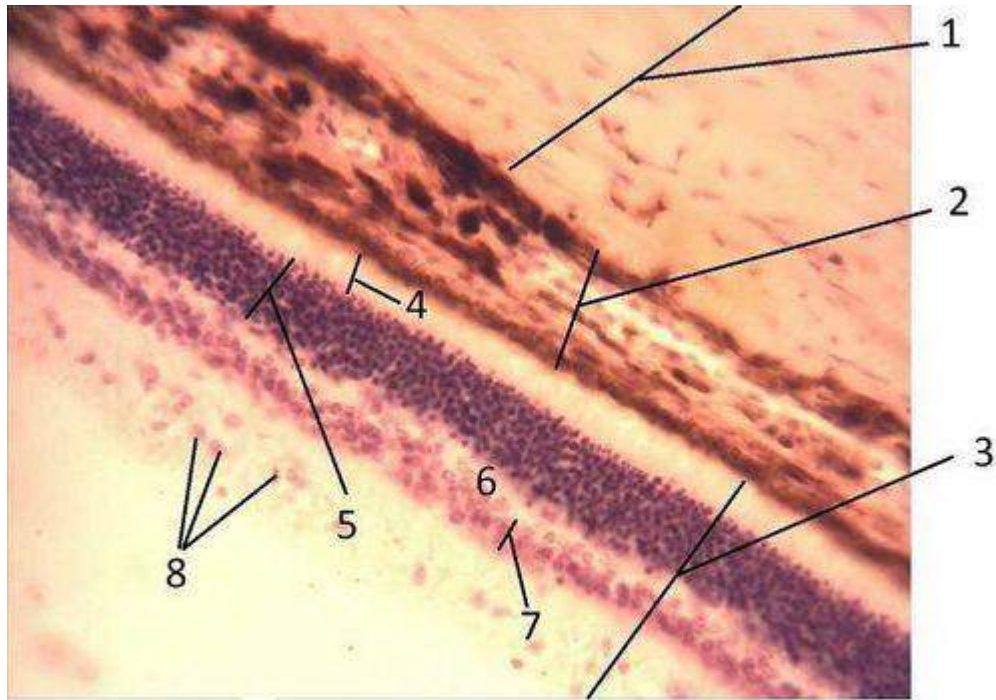
Выберите один из 4 вариантов ответа:

1)	+	Retina
2)	-	Sclera
3)	-	Cornea
4)	-	Ciliary body

**Задание №111**

What is shown under the number 1?





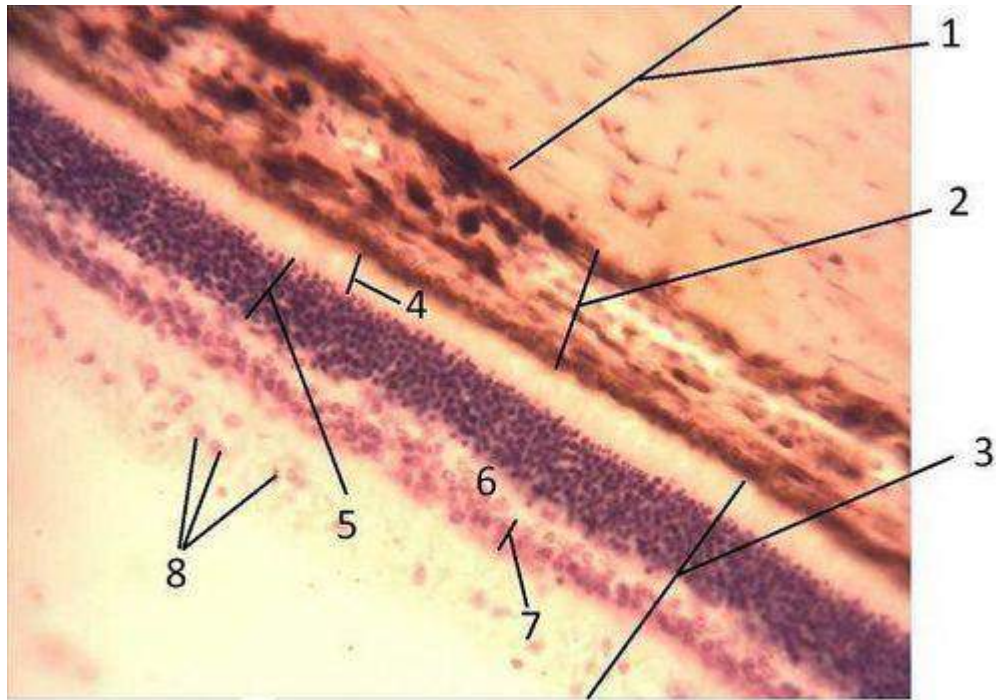
**Posterior wall of the eye**

Выберите один из 4 вариантов ответа:

1)	+	Sclera
2)	-	Retina
3)	-	Cornea
4)	-	Ciliary body

**Задание №112**

What is shown under the number 2?



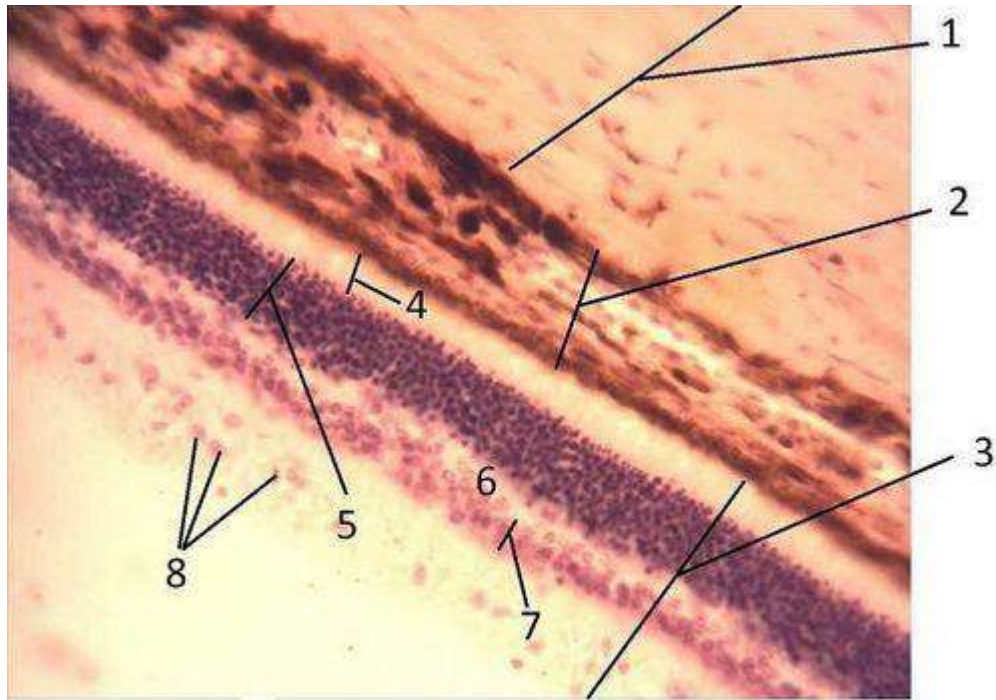
**Posterior wall of the eye**

Выберите один из 5 вариантов ответа:

1)	+	Vascular layer
2)	-	Sclera
3)	-	Retina
4)	-	Cornea
5)	-	Ciliary body

**Задание №113**

What is shown under the number 4?



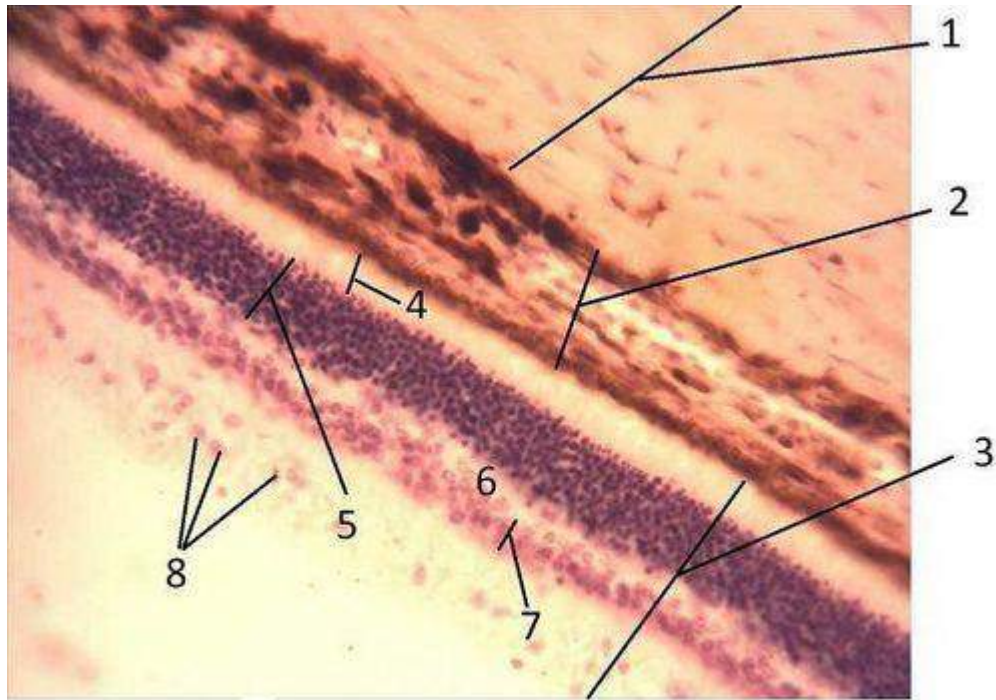
**Posterior wall of the eye**

Выберите один из 5 вариантов ответа:

1)	+	Layer of rods and cones
2)	-	Outer plexiform layer
3)	-	Inner plexiform layer
4)	-	Outer nuclear layer
5)	-	Inner nuclear layer

**Задание №114**

What is shown under the number 8?



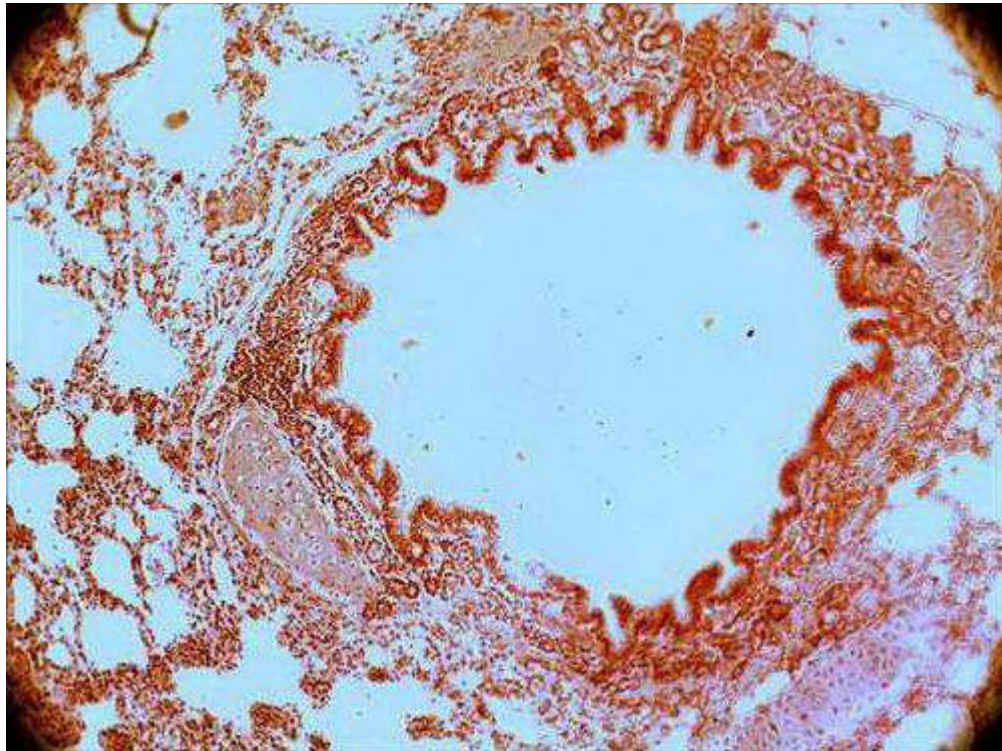
**Posterior wall of the eye**

Выберите один из 4 вариантов ответа:

1)	-	Layer of rods and cones
2)	-	Layer of bipolar cells
3)	+	Layer of ganglion cells
4)	-	Gliacytes

**Задание №115**

Name this slide:

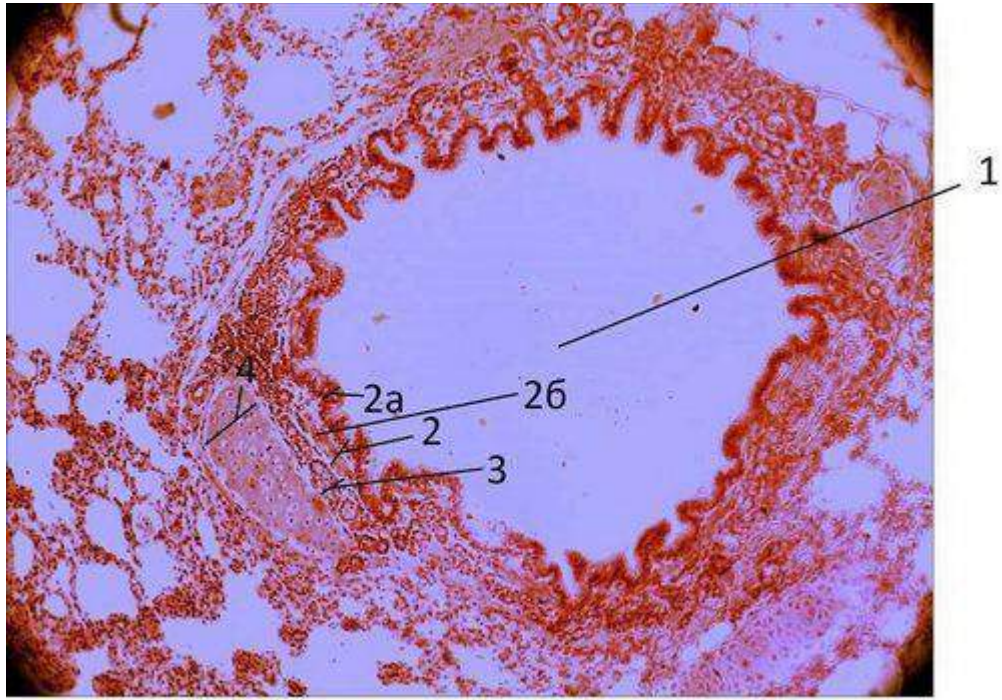


Выберите один из 4 вариантов ответа:

1)	+	Lung
2)	-	Lymph node
3)	-	Pancreas
4)	-	Trachea

**Задание №116**

Which of the following structures are marked as 4?



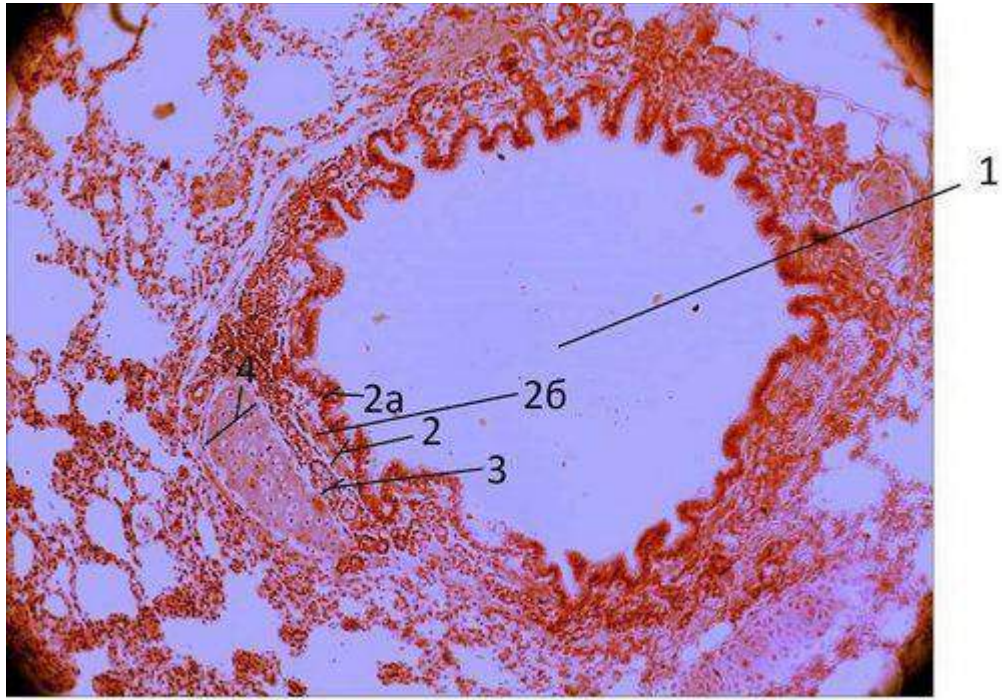
**Lung**

Выберите один из 4 вариантов ответа:

1)	+	Cartilage plate(island)
2)	-	Glands
3)	-	Bone plate
4)	-	Muscularis lamina

**Задание №117**

What type of bronchus is shown in this slide?



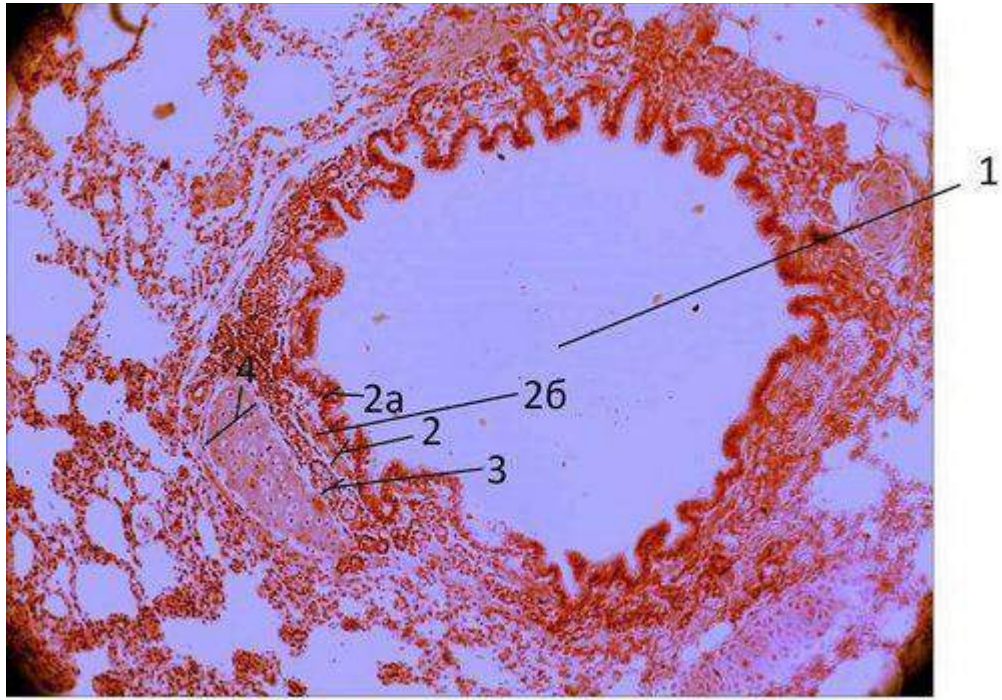
**Lung**

Выберите один из 4 вариантов ответа:

1)	+	Middle bronchi
2)	-	Small bronchi
3)	-	Large bronchi
4)	-	Terminal bronchi

**Задание №118**

What type of epithelium shown on this slide covers the bronchus?



**Lung**

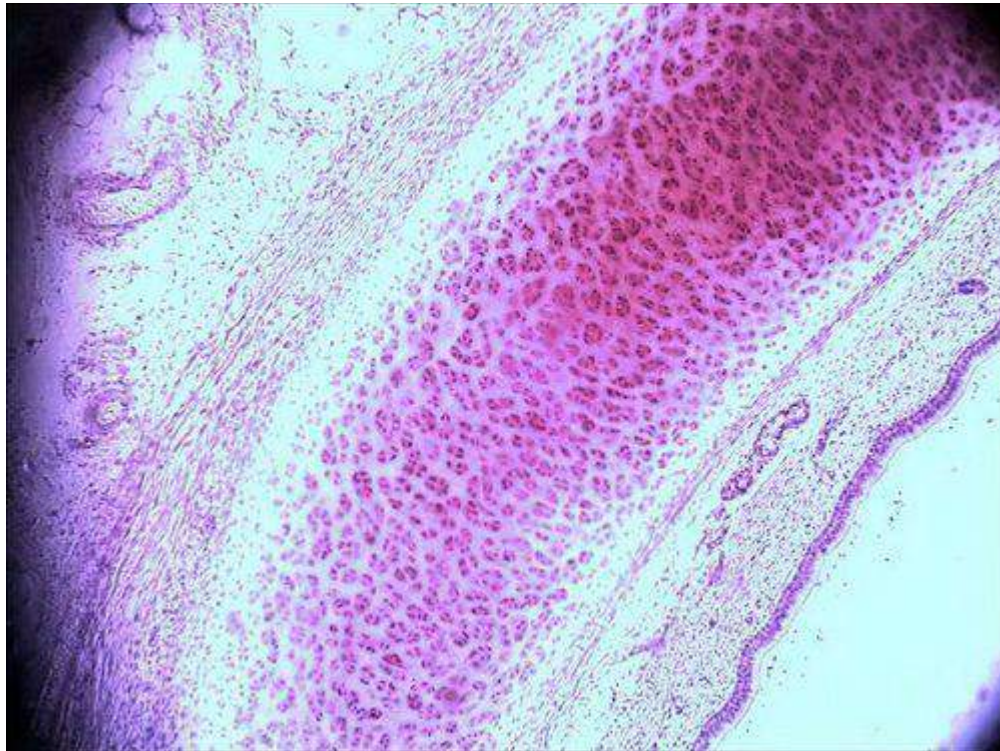
Выберите один из 4 вариантов ответа:

1)	+	Ciliated epithelium
2)	-	Stratified nonkeratised epithelium
3)	-	Simple columnar epithelium
4)	-	Simple cuboidal epithelium

**Задание №119**

Name this slide:



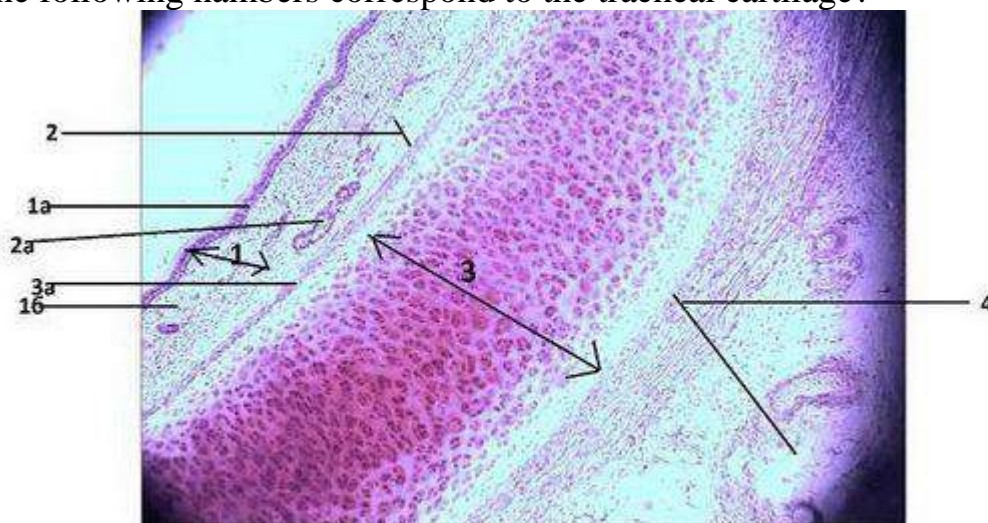


Выберите один из 4 вариантов ответа:

1)	+	Trachea
2)	-	Elastic artery
3)	-	Ureter
4)	-	Retina

### Задание №120

Which of the following numbers correspond to the tracheal cartilage?



**Trachea**

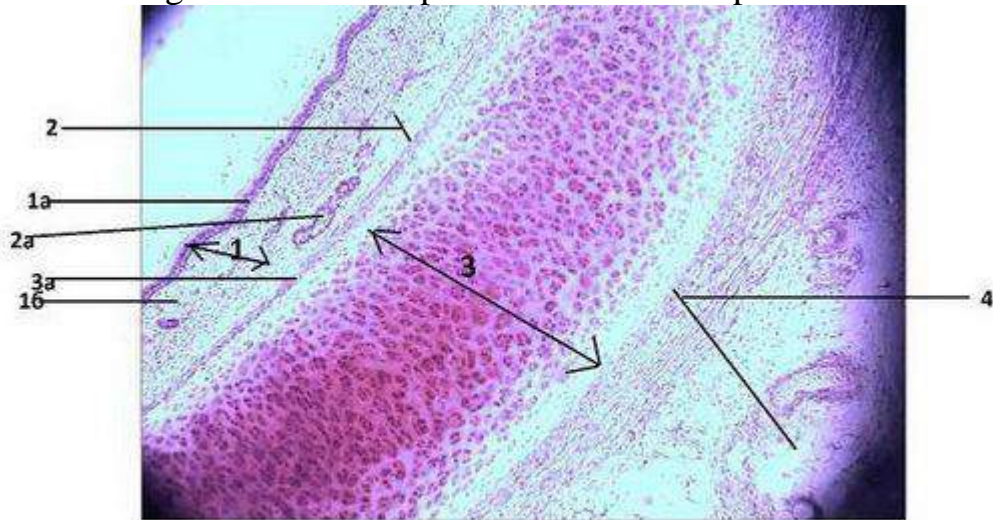
Выберите один из 4 вариантов ответа:

1)	+	3
2)	-	1

3)	-	2
4)	-	4

**Задание №121**

Which of the following numbers correspond to the ciliated epithelium?



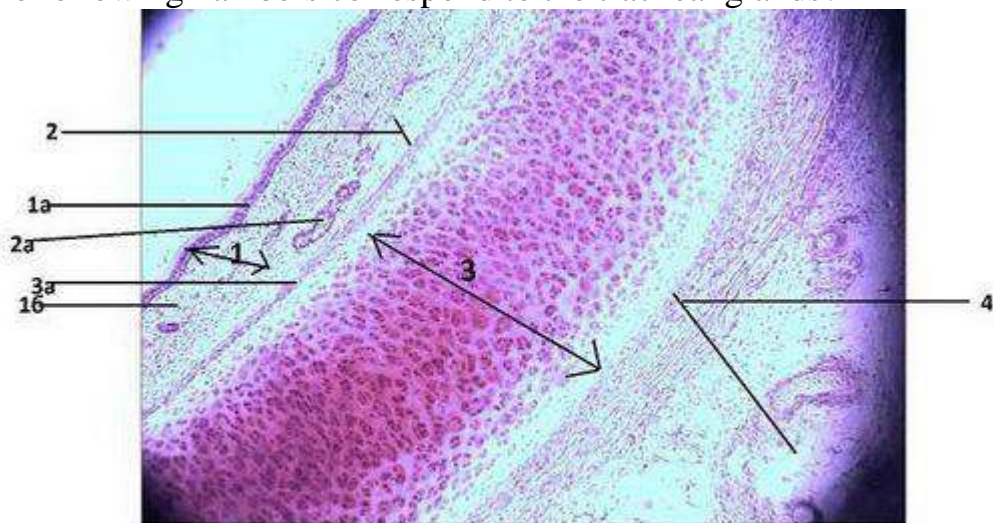
**Trachea**

Выберите один из 4 вариантов ответа:

1)	+	1a
2)	-	1b
3)	-	3a
4)	-	4

**Задание №122**

Which of the following numbers correspond to the tracheal glands?



**Trachea**

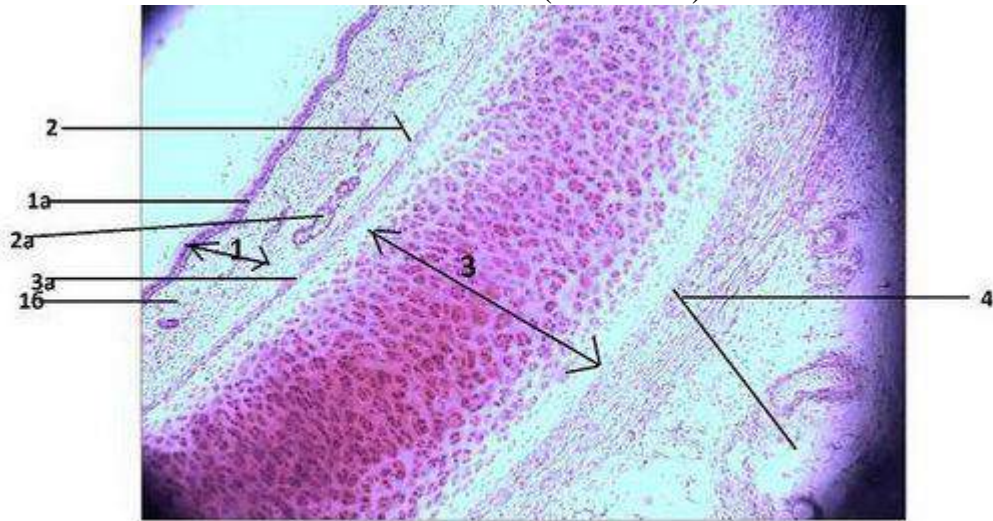
Выберите один из 4 вариантов ответа:

1)	+	2a
----	---	----

2)	-	2
3)	-	1A
4)	-	1b

### Задание №123

What tissue is formed adventitia of the trachea (number 4)?



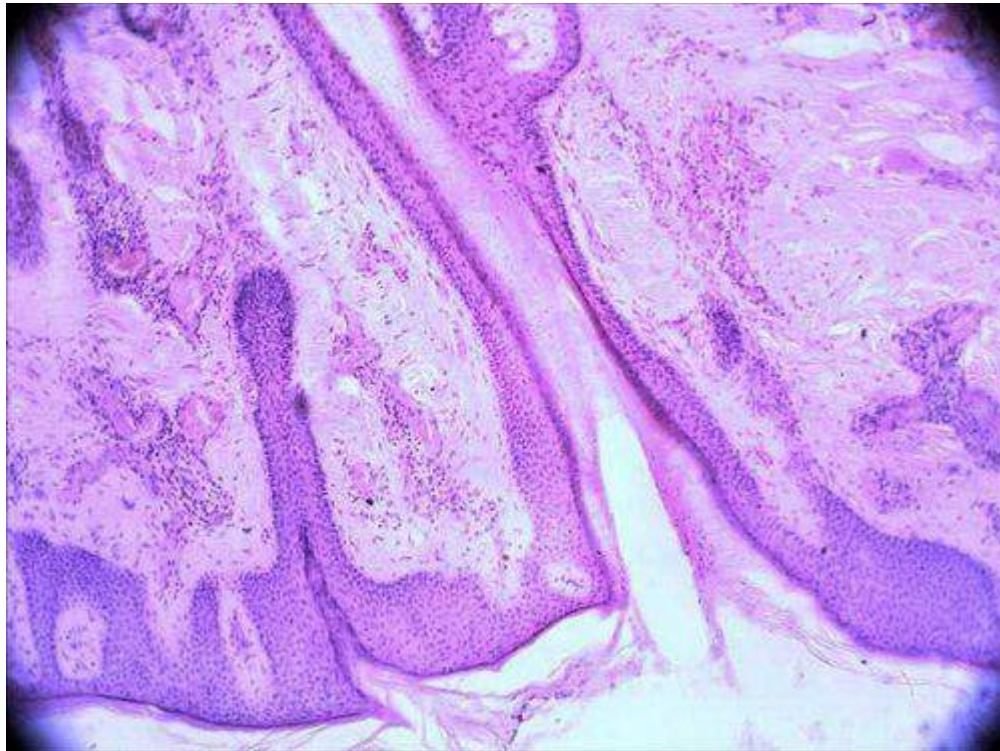
**Trachea**

Выберите один из 4 вариантов ответа:

1)	+	Loose connective tissue
2)	-	Cartilage
3)	-	Reticular tissue
4)	-	Mucose tissue

### Задание №124

Name this slide:

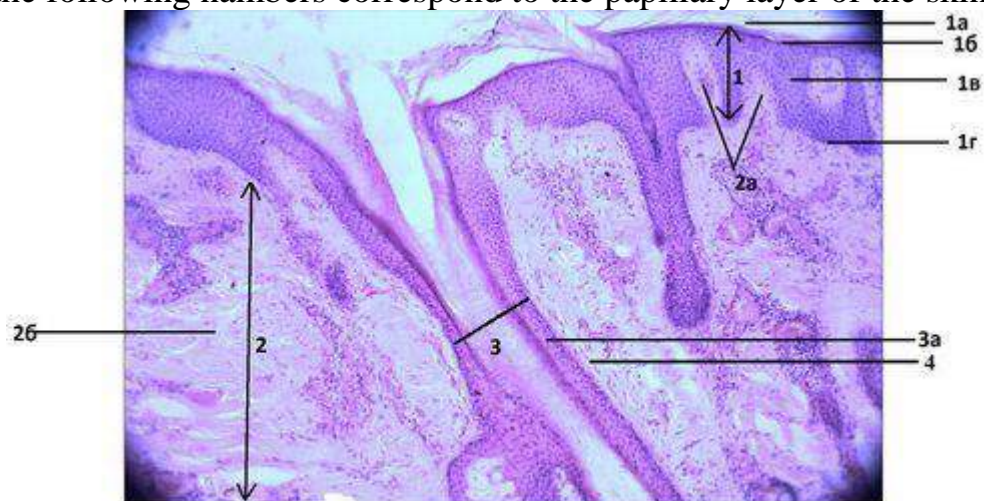


Выберите один из 4 вариантов ответа:

1)	+	Hairy thin skin
2)	-	Thick skin of the finger
3)	-	Adrenal gland
4)	-	Kidney

**Задание №125**

Which of the following numbers correspond to the papillary layer of the skin?



**Skin with hairs and glands**

Выберите один из 4 вариантов ответа:

1)	+	2a
2)	-	2

3)	-	1a
4)	-	3

**Задание №126**

Name this slide:



Выберите один из 5 вариантов ответа:

1)	+	Organ of Corti
2)	-	Angle of the eye
3)	-	Thyroid gland
4)	-	Muscular arteriya
5)	-	Aorta

**Задание №127**

What is under the number 1?



## Inner ear: cochlear

Выберите один из 5 вариантов ответа:

1)	+	Spiral ganglion
2)	-	Spiral ligament
3)	-	Stria vascularis
4)	-	Vestibular membrane
5)	-	Scala media(ductus cochlearis)

### Задание №128

What is under the number 2?



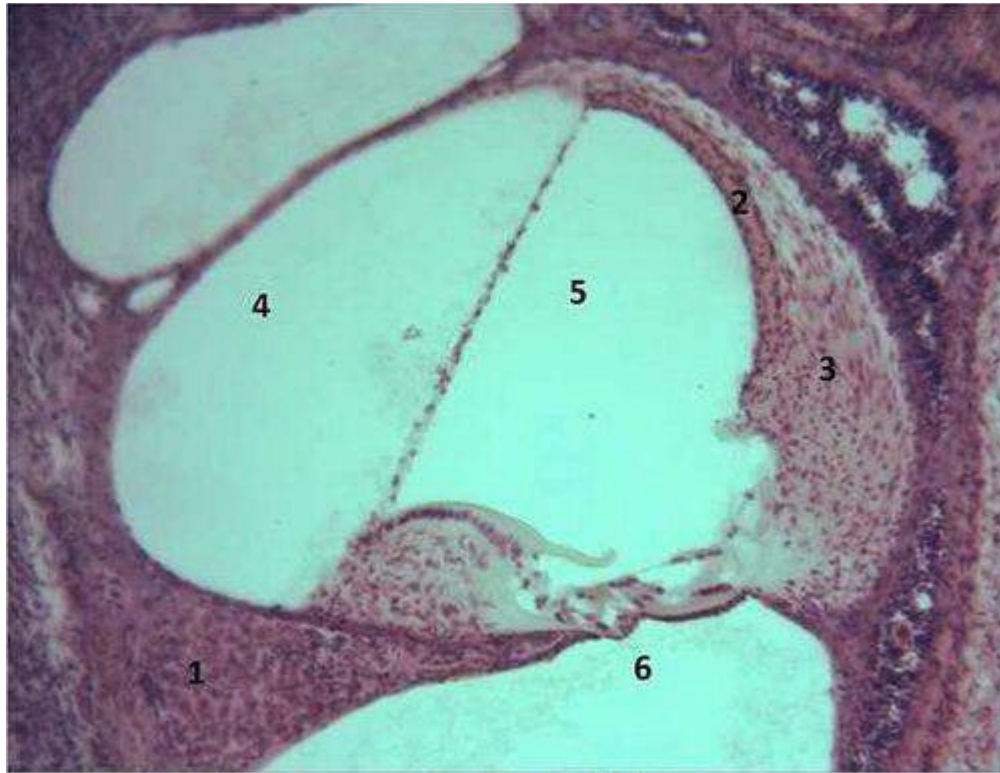
## Inner ear: cochlear

Выберите один из 5 вариантов ответа:

1)	+	Stria vascularis
2)	-	Spiral ganglion
3)	-	Spiral ligament
4)	-	Vestibular membrane
5)	-	Scala media(ductus cochlearis)

### Задание №129

What is under the number 3?



## Inner ear: cochlear

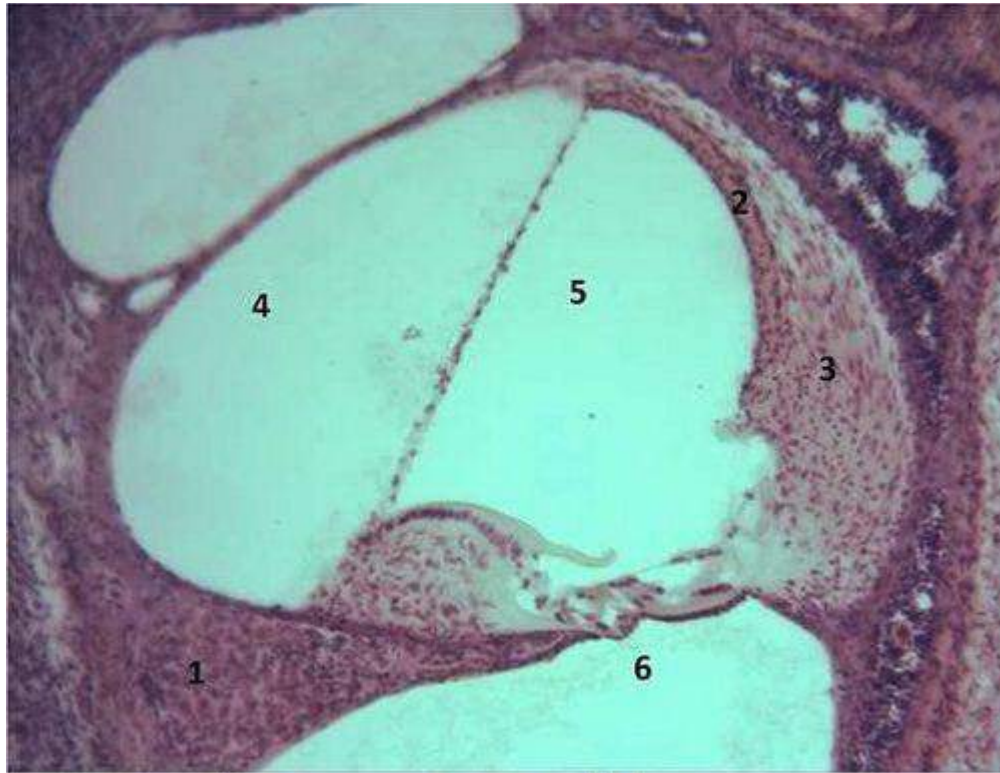
Выберите один из 5 вариантов ответа:

1)	+	Spiral ligament
2)	-	Vestibular membrane
3)	-	Scala media(ductus cochlearis)
4)	-	Stria vascularis
5)	-	Spiral ganglion

### Задание №130

What is under the number 4?





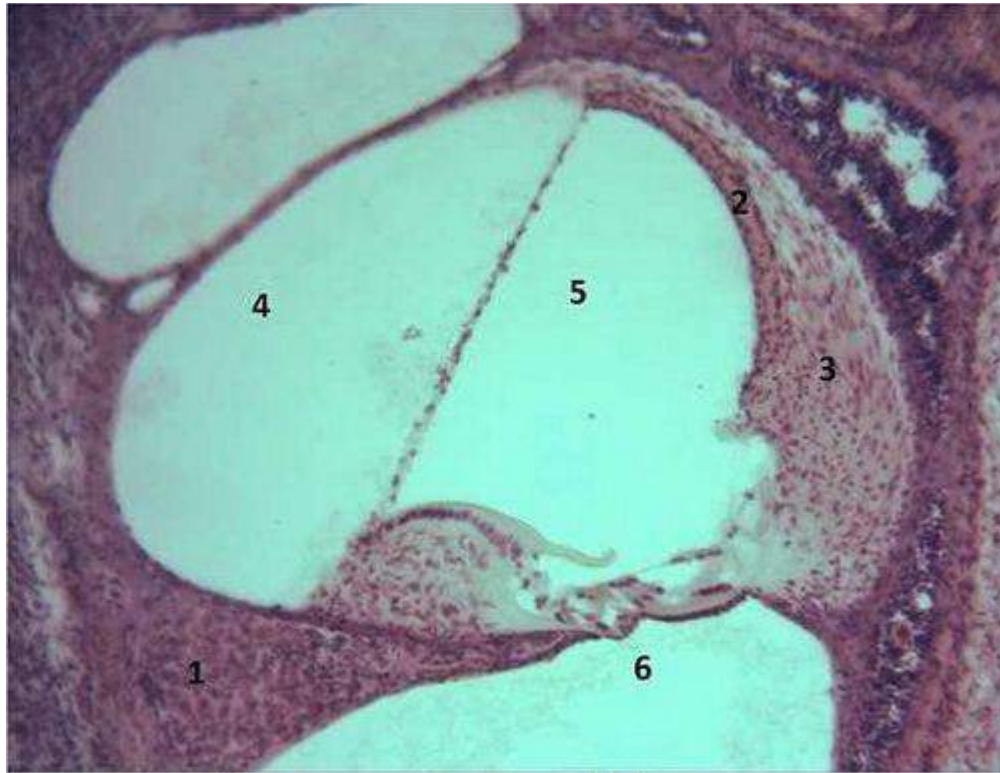
## Inner ear: cochlear

Выберите один из 4 вариантов ответа:

1)	+	Scala vestibular
2)	-	Scala tympany
3)	-	Scala media
4)	-	Tunnel of Corti

### Задание №131

What is under the number 5?



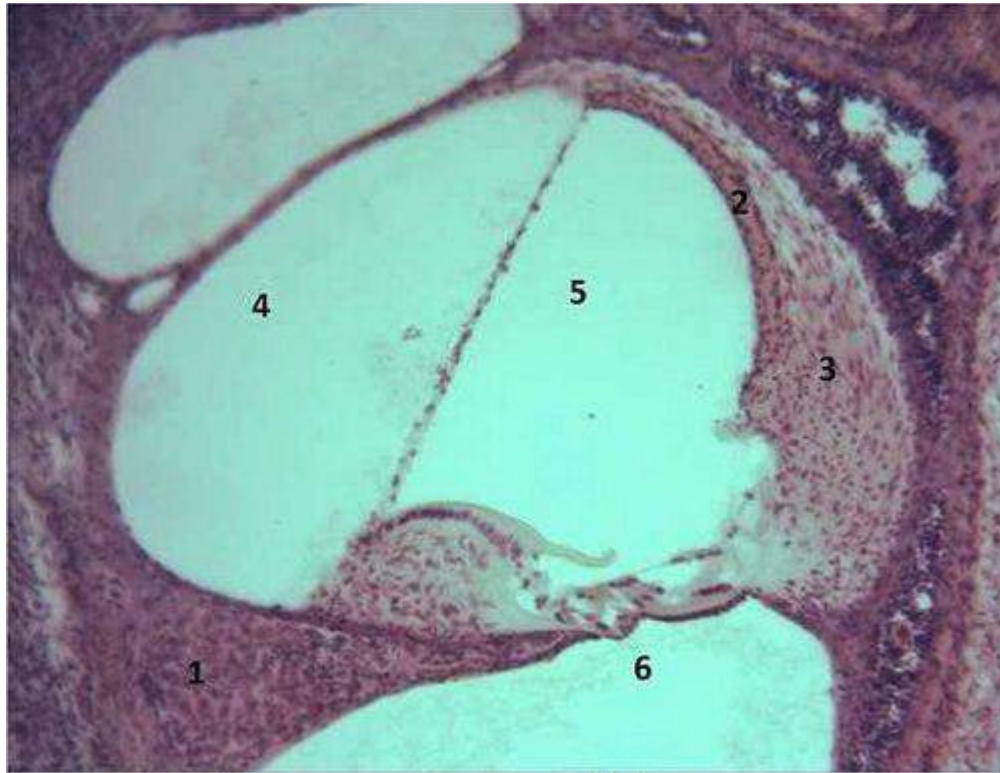
## Inner ear: cochlear

Выберите один из 4 вариантов ответа:

1)	+	Scala media( ductus cochlearis)
2)	-	Scala vestibular
3)	-	Tunnel of Corti
4)	-	Scala tympany

### Задание №132

What is under the number 6?



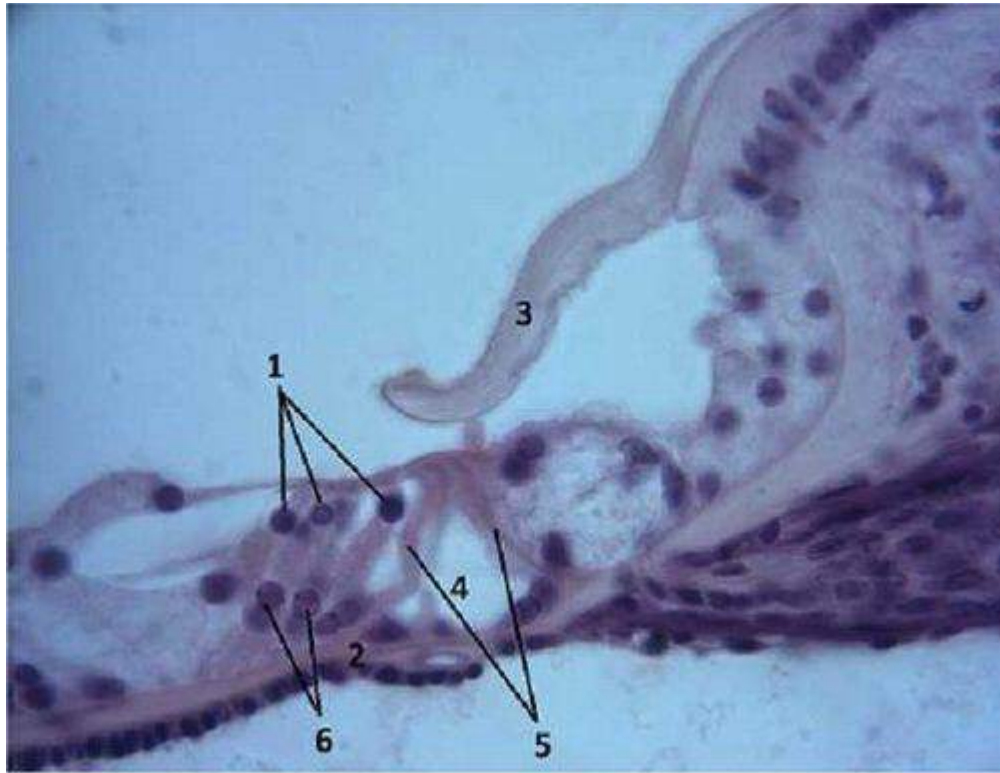
## Inner ear: cochlear

Выберите один из 4 вариантов ответа:

1)	+	Scala vestibular
2)	-	Tunnel of Corti
3)	-	Scala tympany
4)	-	Scala media

### Задание №133

What is under the number 1?



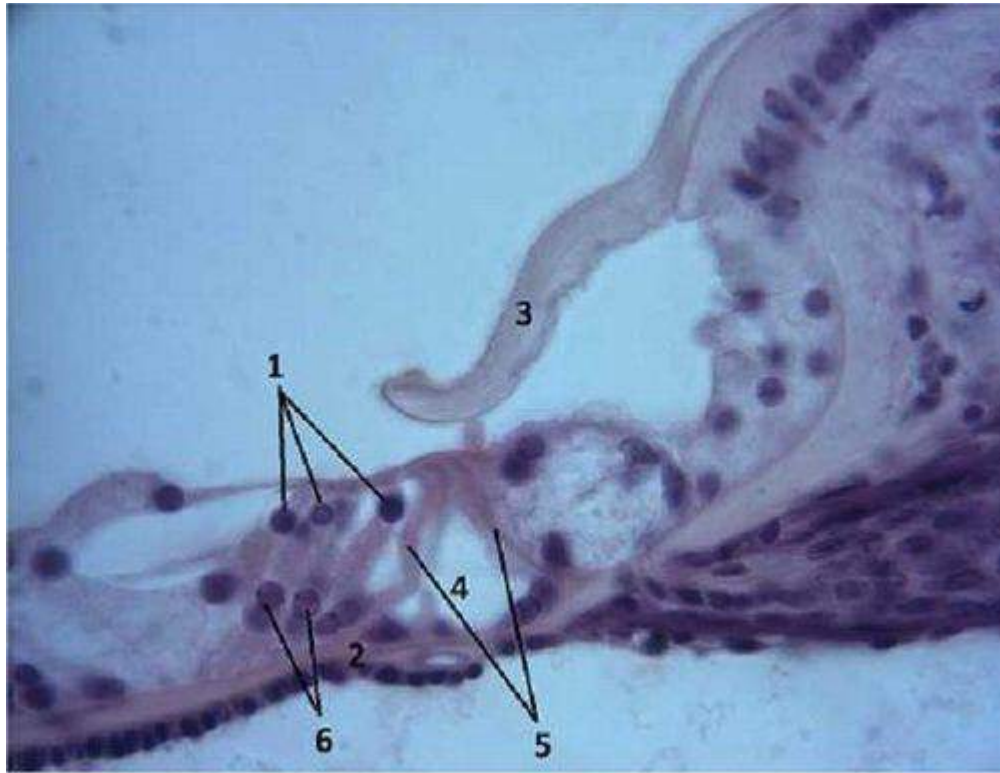
## Organ of Corti

Выберите один из 4 вариантов ответа:

1)	+	Nuclei of outer hair cells
2)	-	Nuclei of outer phalangeal cells
3)	-	Nuclei of outer supporting cells
4)	-	Nuclei of inner hair cells

### Задание №134

What is under the number 2?



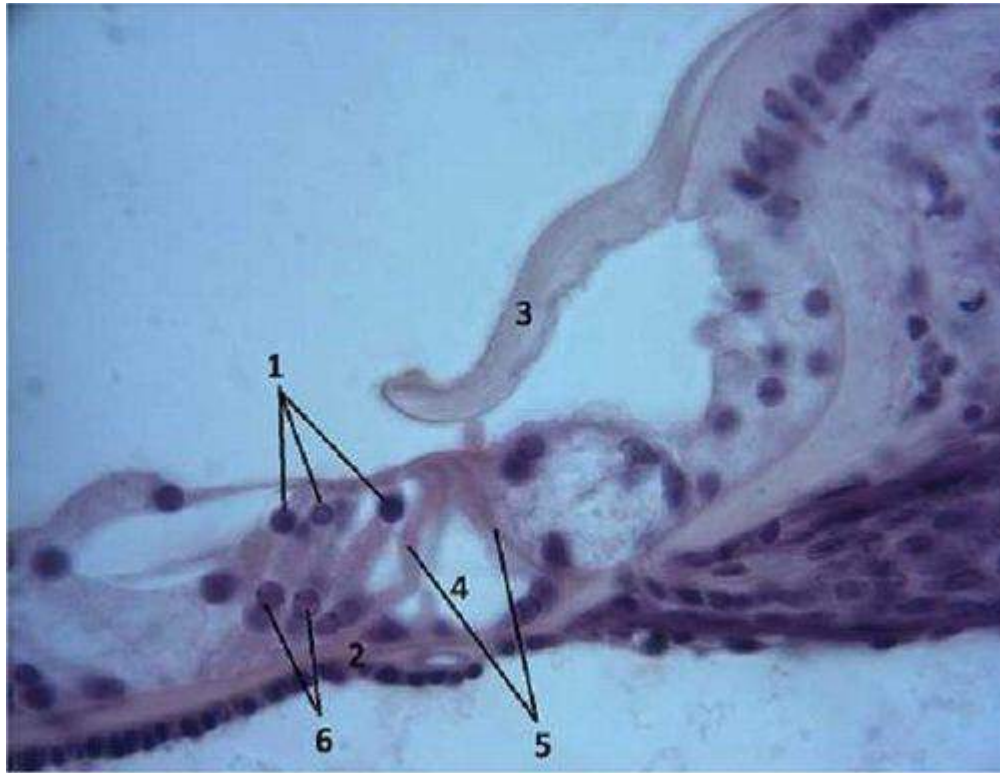
## Organ of Corti

Выберите один из 4 вариантов ответа:

1)	+	Basilar membrane
2)	-	Tectorial membrane
3)	-	Stria vascularis
4)	-	Spiral ligamentum

### Задание №135

What is under the number 3?



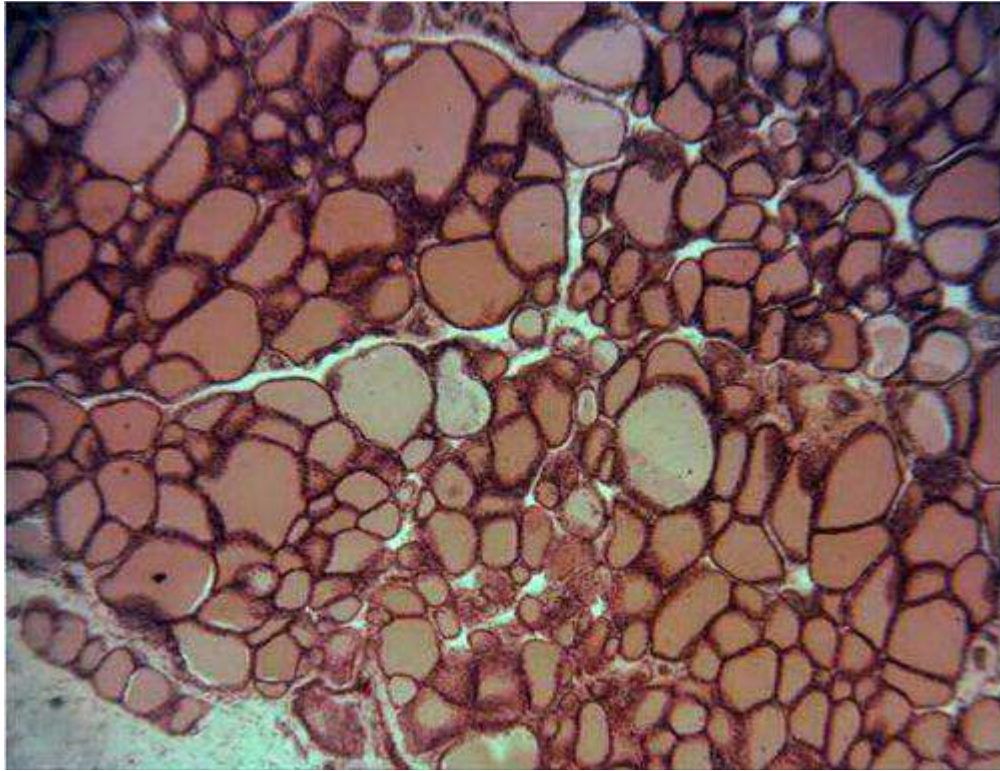
## Organ of Corti

Выберите один из 4 вариантов ответа:

1)	+	Tectorial membrane
2)	-	Spiral ligamentum
3)	-	Stria vascularis
4)	-	Basilar membrane

### Задание №136

Name this slide:

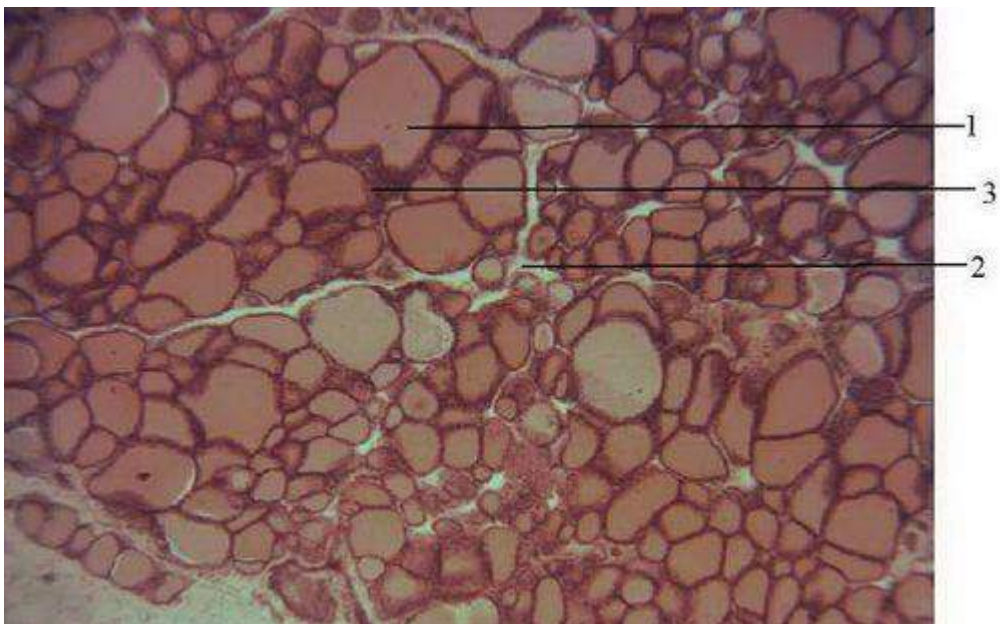


Выберите один из 5 вариантов ответа:

1)	+	Thyroid gland
2)	-	Adrenal gland
3)	-	Lymph node
4)	-	Spleen
5)	-	Hypophysis

**Задание №137**

What is under the number 1?

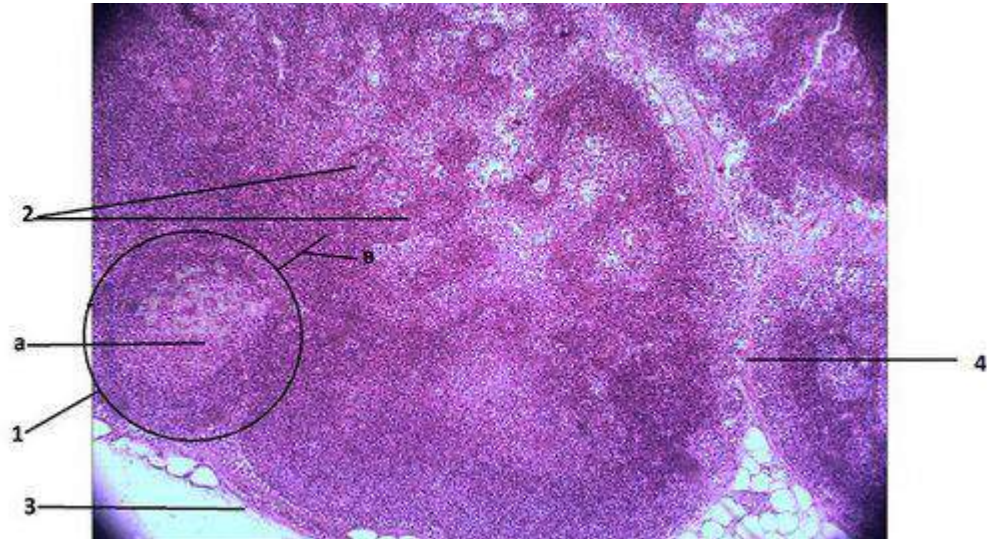


Выберите один из 4 вариантов ответа:

1)	+	Follicle of the thyroid gland
2)	-	Follicle of intermediate part of the hypophysis
3)	-	Lymphatic nodule
4)	-	Nodule of the spleen

**Задание №138**

What is under the number 1?

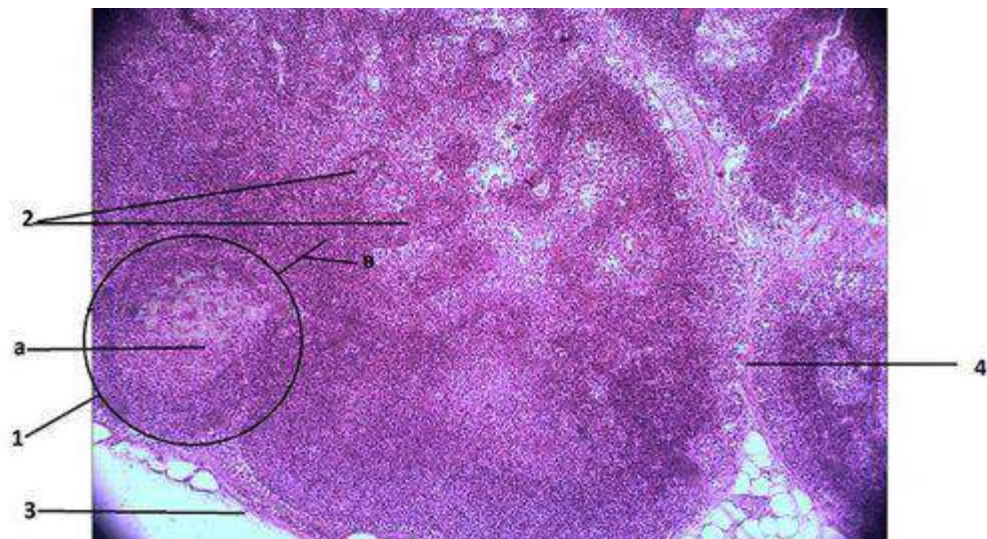


Выберите один из 4 вариантов ответа:

1)	+	Lymphatic follicles of the lymph node
2)	-	Lymphatic follicles of the spleen
3)	-	Lymphatic follicles of the thymus
4)	-	Lymphatic follicles of the thyroid gland

**Задание №139**

What is under the number 1b?



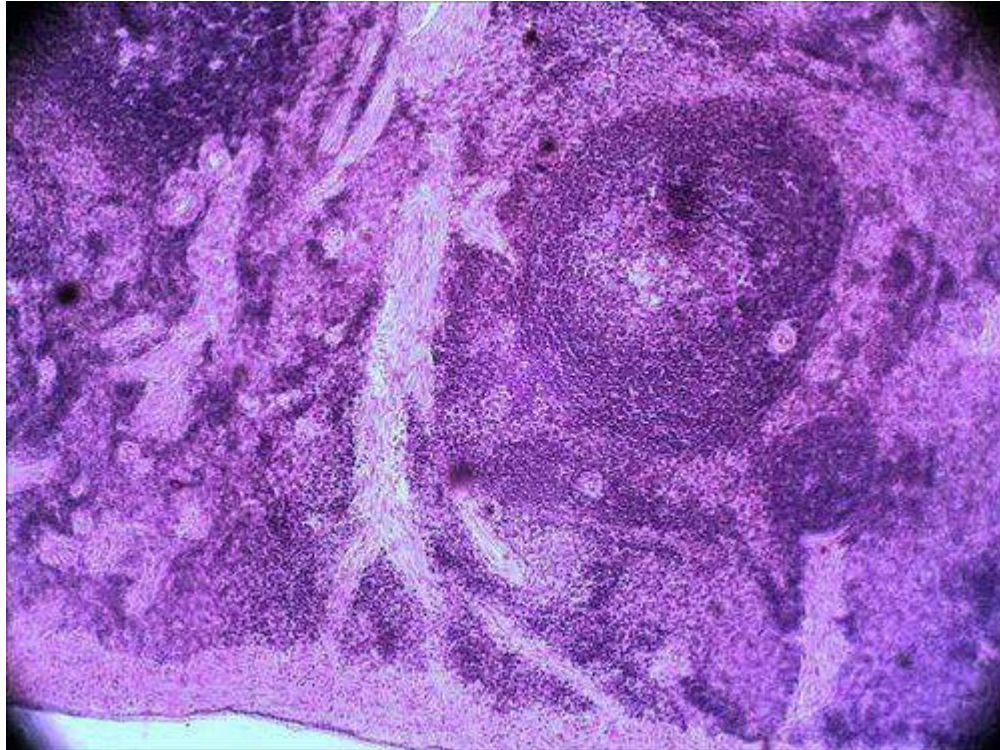
Выберите один из 4 вариантов ответа:



1)	+	Paracortex zone of the lymph node
2)	-	Medullary cord of the lymph node
3)	-	Pariarterial lymphatic sheaths
4)	-	Mantle zone

**Задание №140**

Name this slide:

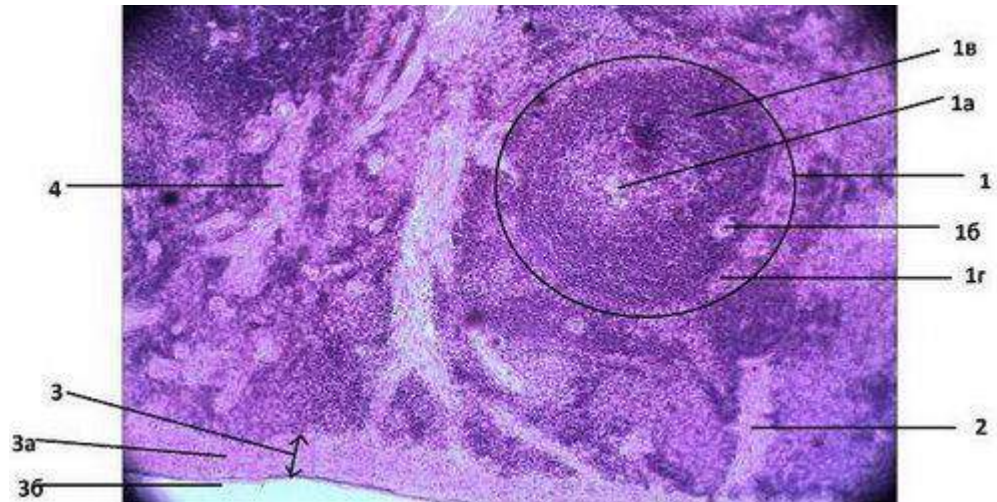


Выберите один из 4 вариантов ответа:

1)	+	Spleen
2)	-	Lymph node
3)	-	Thymus
4)	-	Hypophysis

**Задание №141**

What is under the number 1?

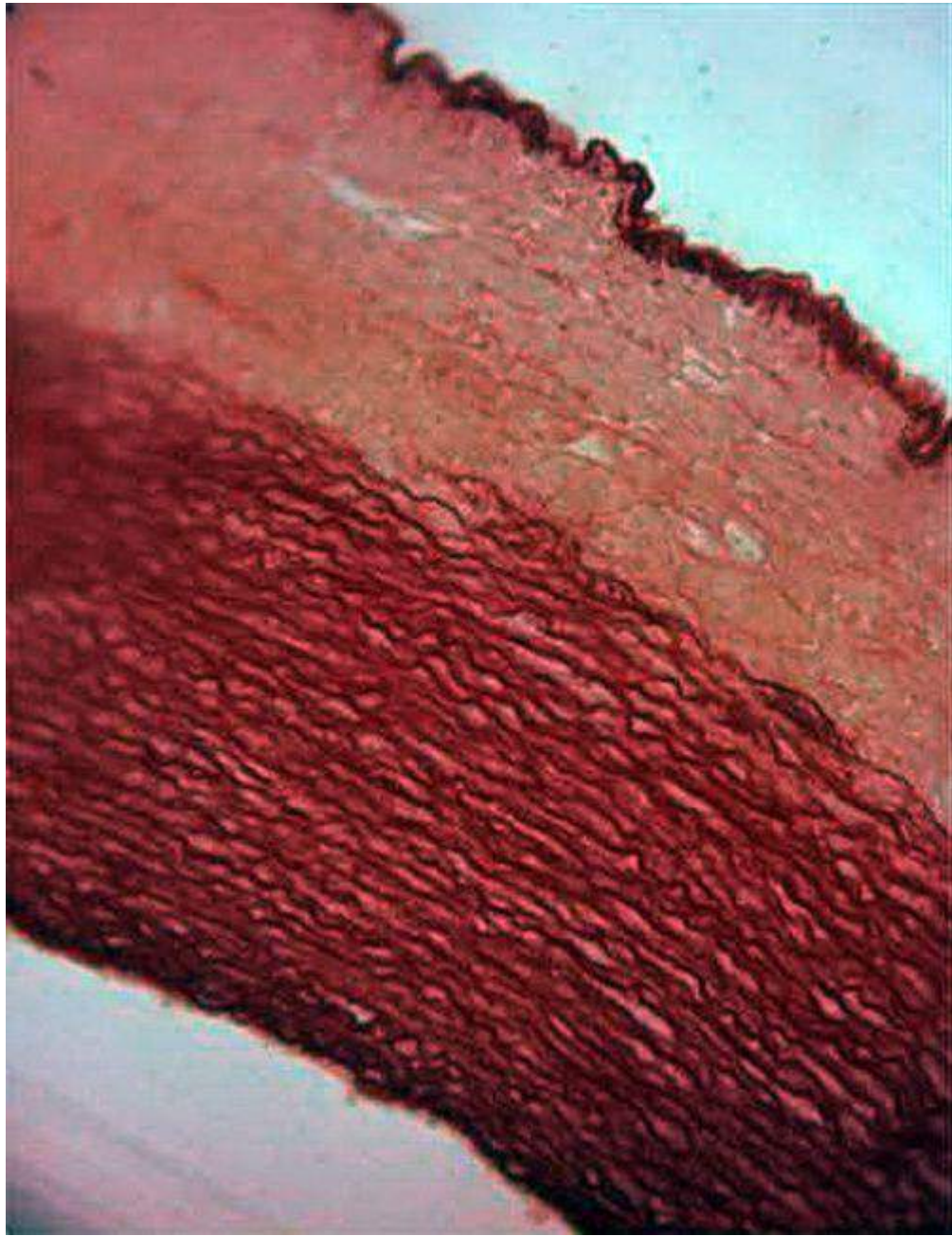


Выберите один из 4 вариантов ответа:

1)	+	Lymphatic follicles of the spleen
2)	-	Lymphatic follicles of the lymph node
3)	-	Paracortex zone of the lymph node
4)	-	Pariarterial lymphatic sheaths

**Задание №142**

Name this slide:

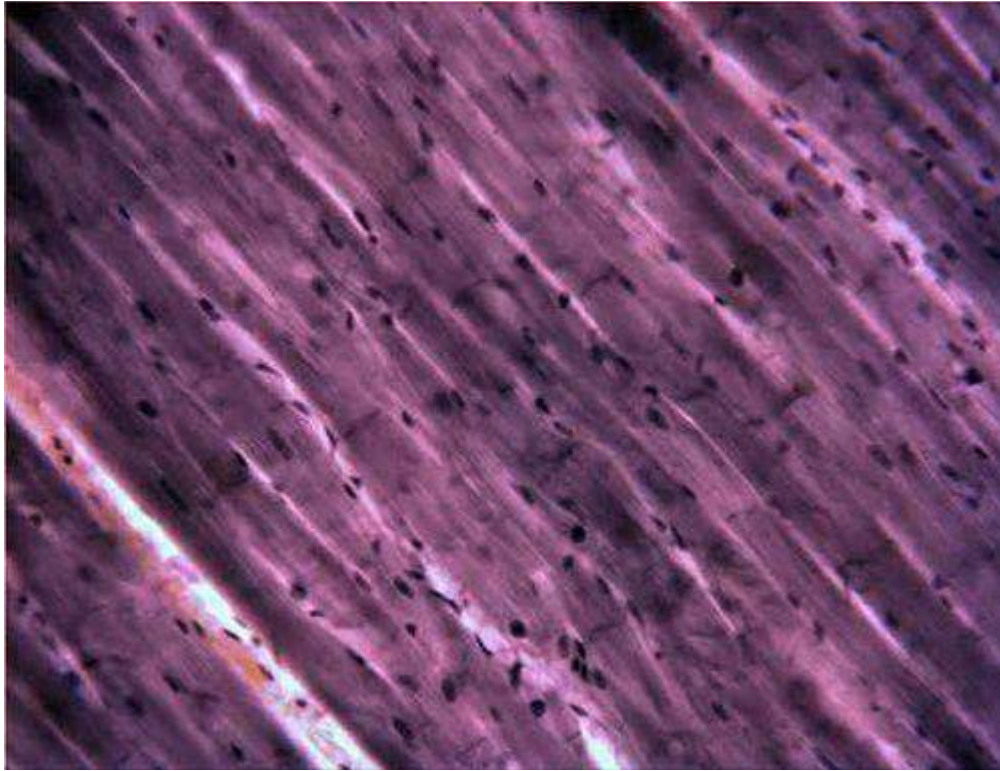


Выберите один из 4 вариантов ответа:

1)	+	Aorta
2)	-	Muscular artery
3)	-	Large muscular vein
4)	-	Retina

**Задание №143**

Name this slide:

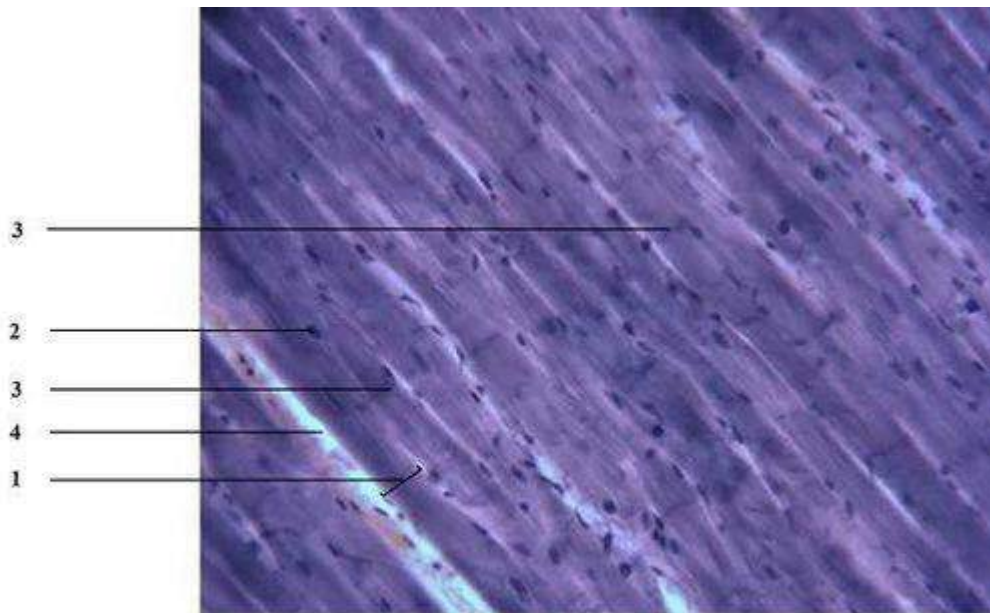


Выберите один из 4 вариантов ответа:

1)	+	Heart
2)	-	Spleen
3)	-	Lymph node
4)	-	Thymus

**Задание №144**

Name this slide:



**Heart(myocardium)**

Выберите один из 4 вариантов ответа:

1)	+	Intercalated discs
2)	-	A discs
3)	-	I discs
4)	-	Desmosomes

**Задание №145**

Name this slide:

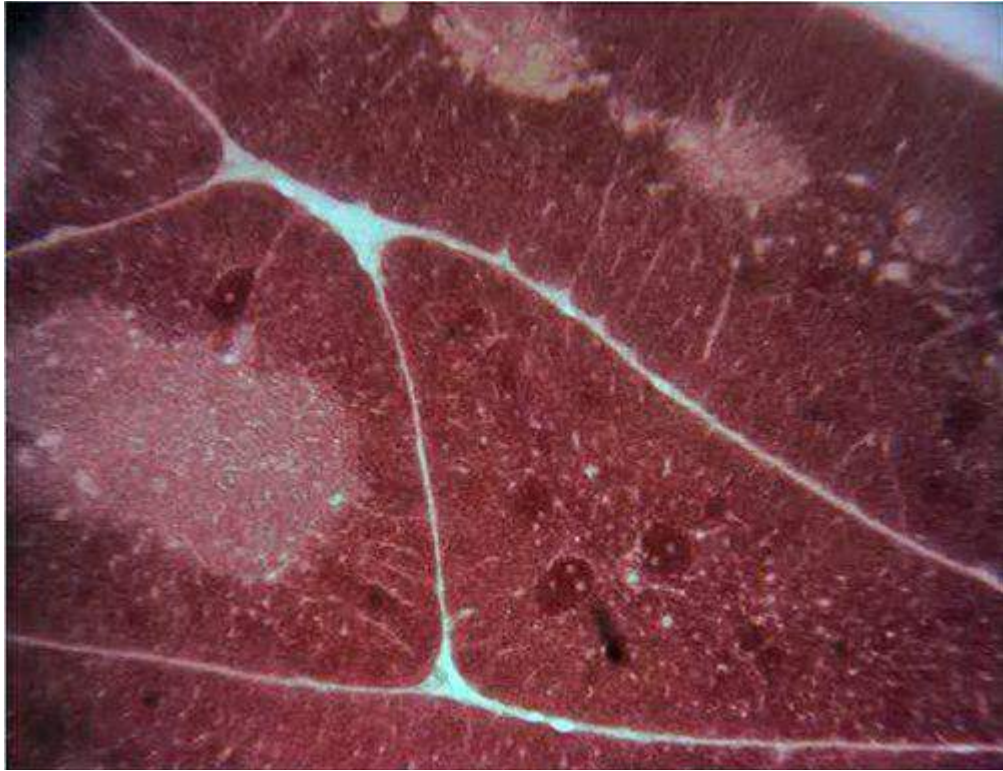


Выберите один из 4 вариантов ответа:

1)	+	Muscular artery
2)	-	Aorta
3)	-	Large muscular vein
4)	-	Heart

**Задание №146**

Name this slide:

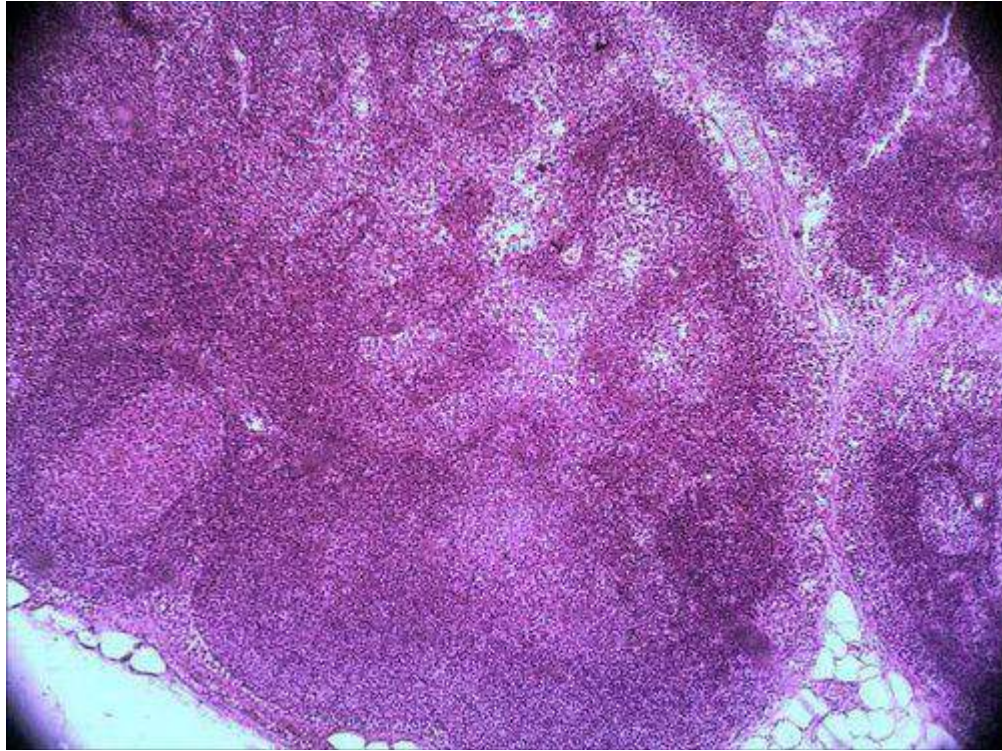


Выберите один из 4 вариантов ответа:

1)	+	Thymus
2)	-	Spleen
3)	-	Lymph node
4)	-	Heart

**Задание №147**

Name this slide:

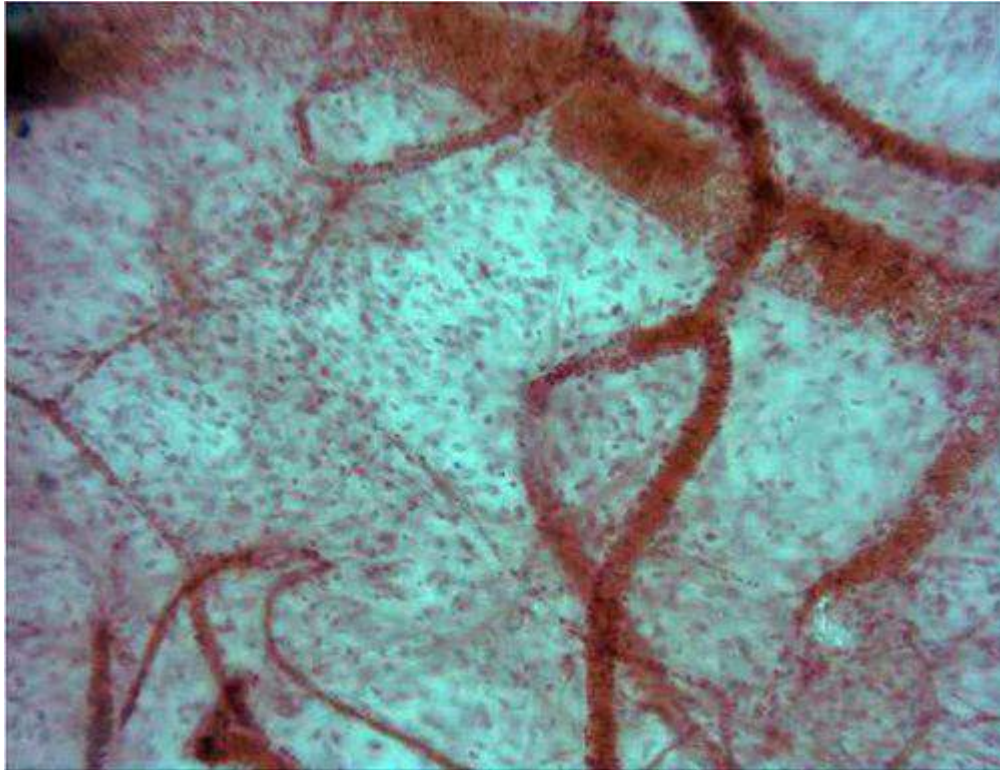


Выберите один из 4 вариантов ответа:

1)	+	Lymph node
2)	-	Spleen
3)	-	Thymus
4)	-	Heart

**Задание №148**

Name this slide:



Выберите один из 4 вариантов ответа:

1)	+	Vessels of microvasculature
2)	-	Aorta
3)	-	Large muscular vein
4)	-	Muscular artery

**Задание №149**

Name this slide:



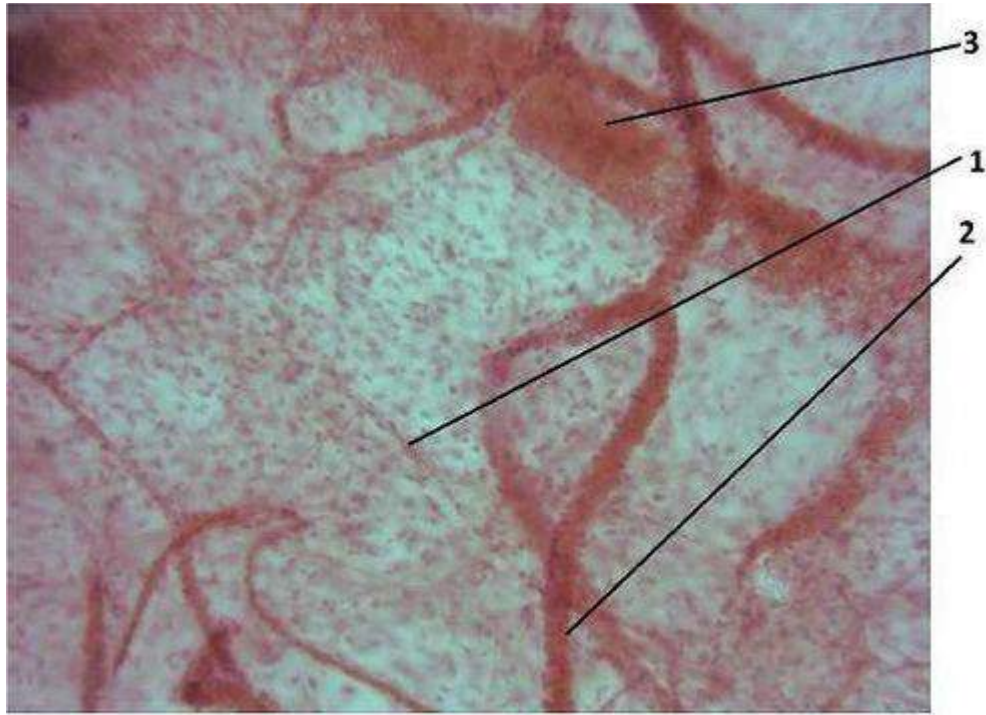


Выберите один из 4 вариантов ответа:

1)	+	Large muscular vein
2)	-	Aorta
3)	-	Vessels of microvasculature
4)	-	Muscular artery

**Задание №150**

What structure is marked by number 2?



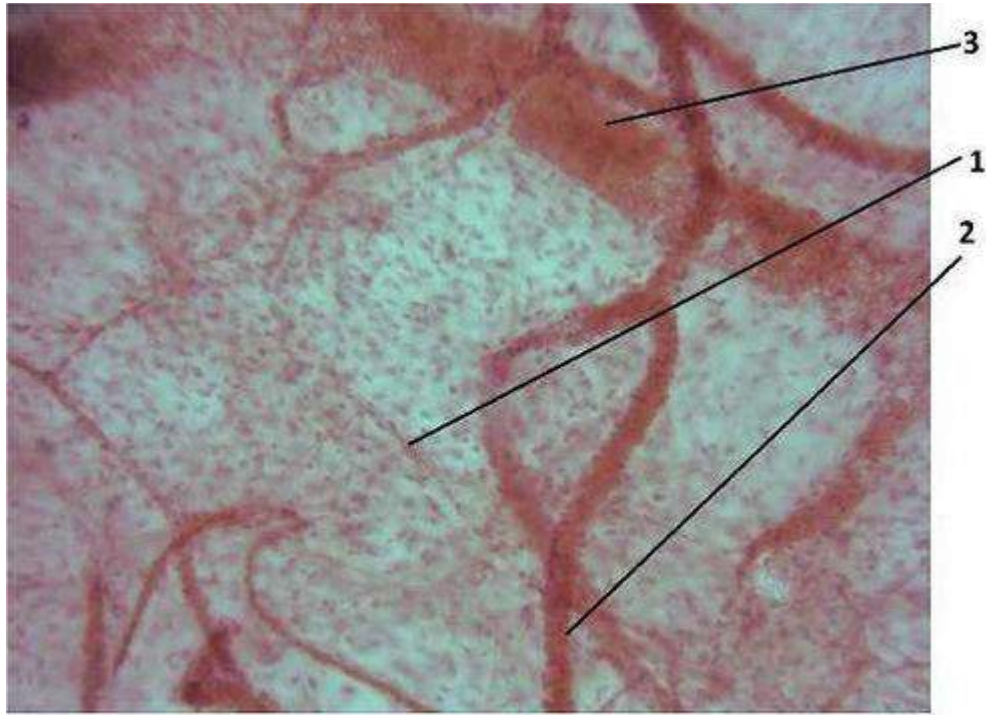
**Arterioles, capillaries and venous**

Выберите один из 4 вариантов ответа:

1)	+	Arteriole
2)	-	Aorta
3)	-	Muscular vein
4)	-	Capillaries

**Задание №151**

What structure is marked by number 1?



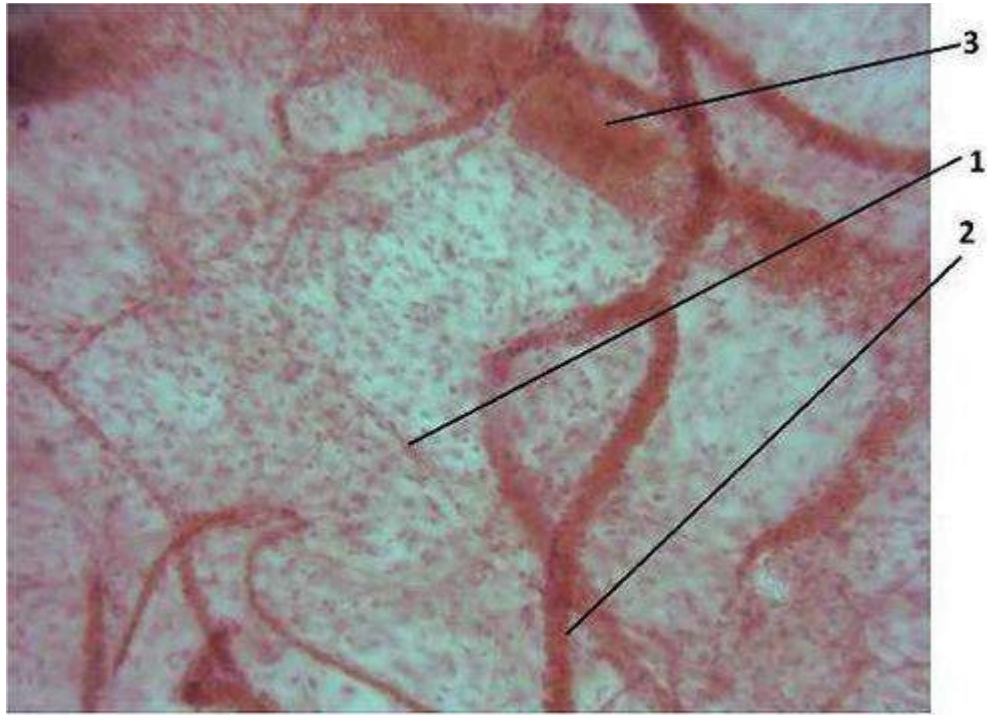
**Arterioles, capillaries and venous**

Выберите один из 4 вариантов ответа:

1)	+	Capillaries
2)	-	Aorta
3)	-	Venule
4)	-	Arteriole

**Задание №152**

What structure is marked by number 3?



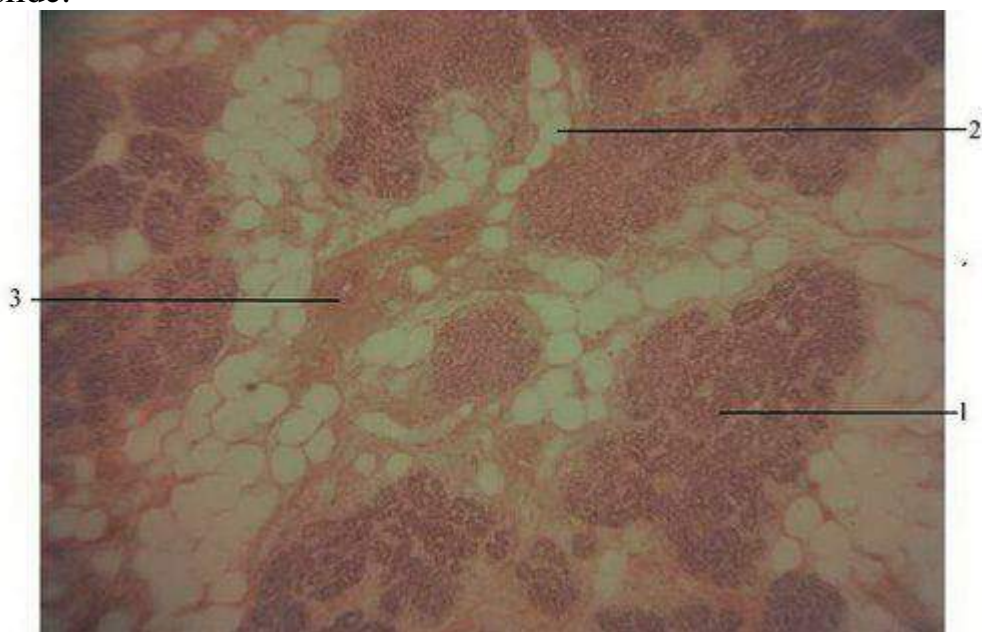
**Arterioles, capillaries and venous**

Выберите один из 4 вариантов ответа:

1)	+	Venule
2)	-	Aorta
3)	-	Capillaries
4)	-	Arteriole

**Задание №153**

Name this slide:

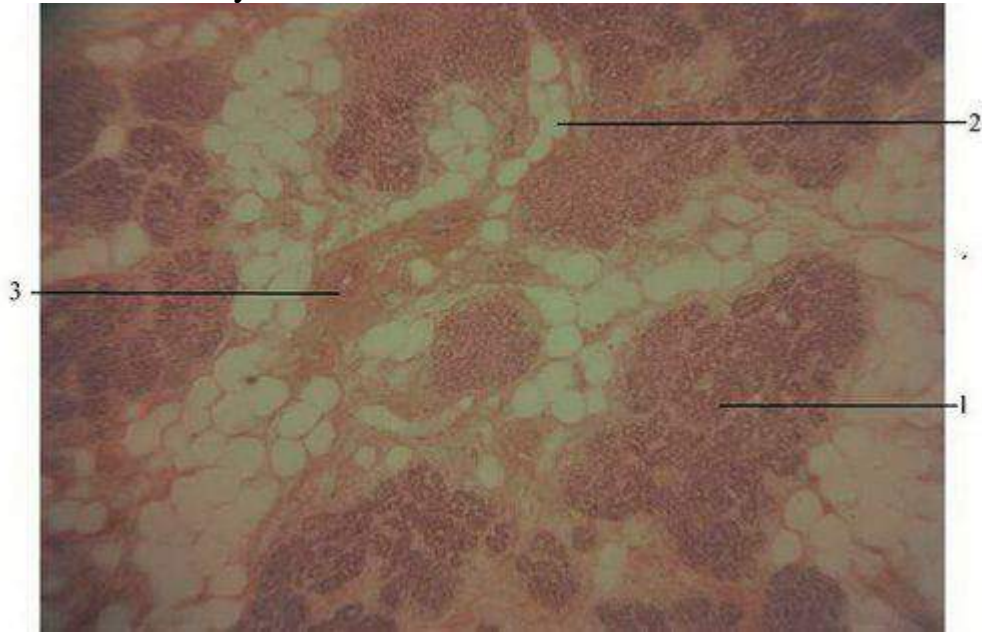


Выберите один из 4 вариантов ответа:

1)	+	Parathyroid gland
2)	-	Spinal ganglia
3)	-	Thyroid gland
4)	-	Adrenal gland

**Задание №154**

What structure is marked by number 1?

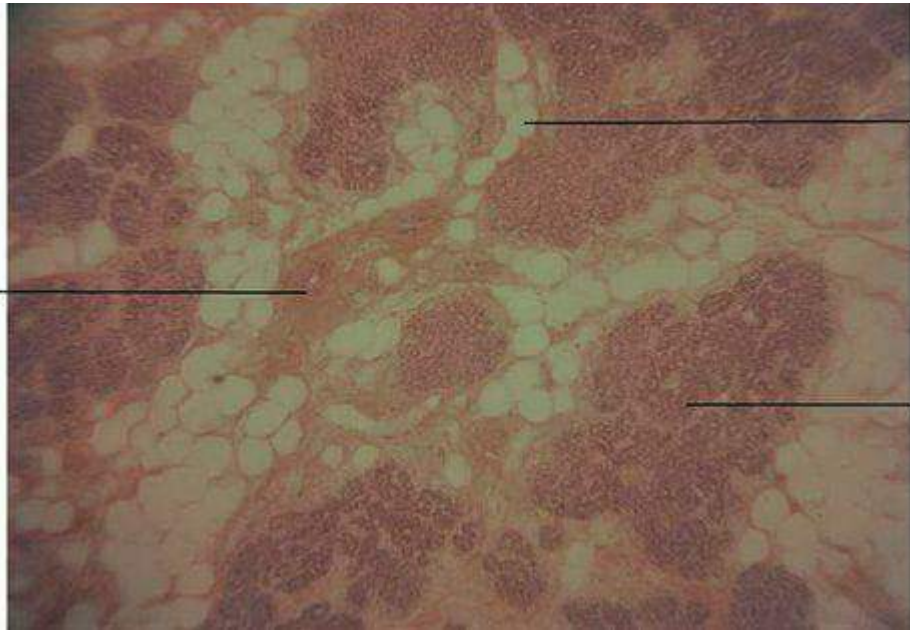


Выберите один из 4 вариантов ответа:

1)	+	Cords of glandular cells
2)	-	Adipose cells
3)	-	Follicles
4)	-	Connective tissue

**Задание №155**

What structure is marked by number 2?

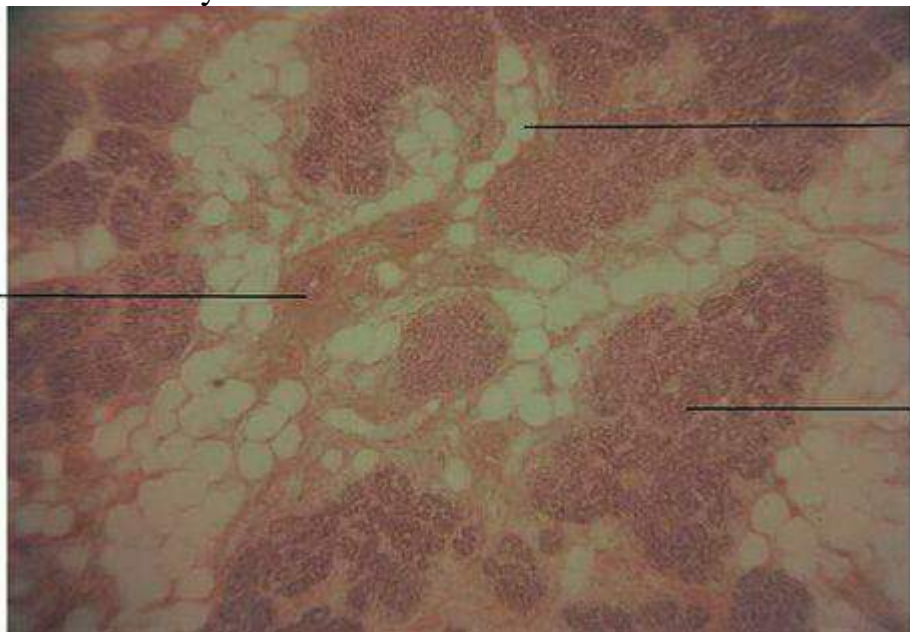


Выберите один из 4 вариантов ответа:

1)	+	Adipose cells
2)	-	Cords of glandular cells
3)	-	Follicles
4)	-	Connective tissue

**Задание №156**

What structure is marked by number 3?



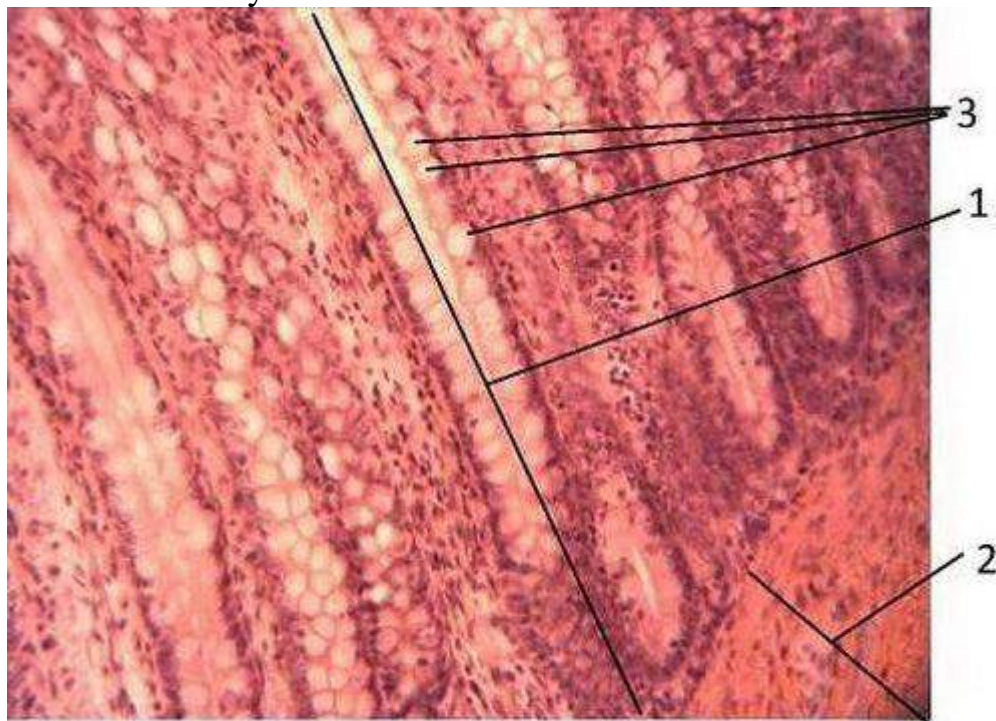
Выберите один из 4 вариантов ответа:

1)	+	Connective tissue
2)	-	Adipose cells
3)	-	Follicles

4) - Cords of glandular cells

**Задание №157**

What structure is marked by number 3?



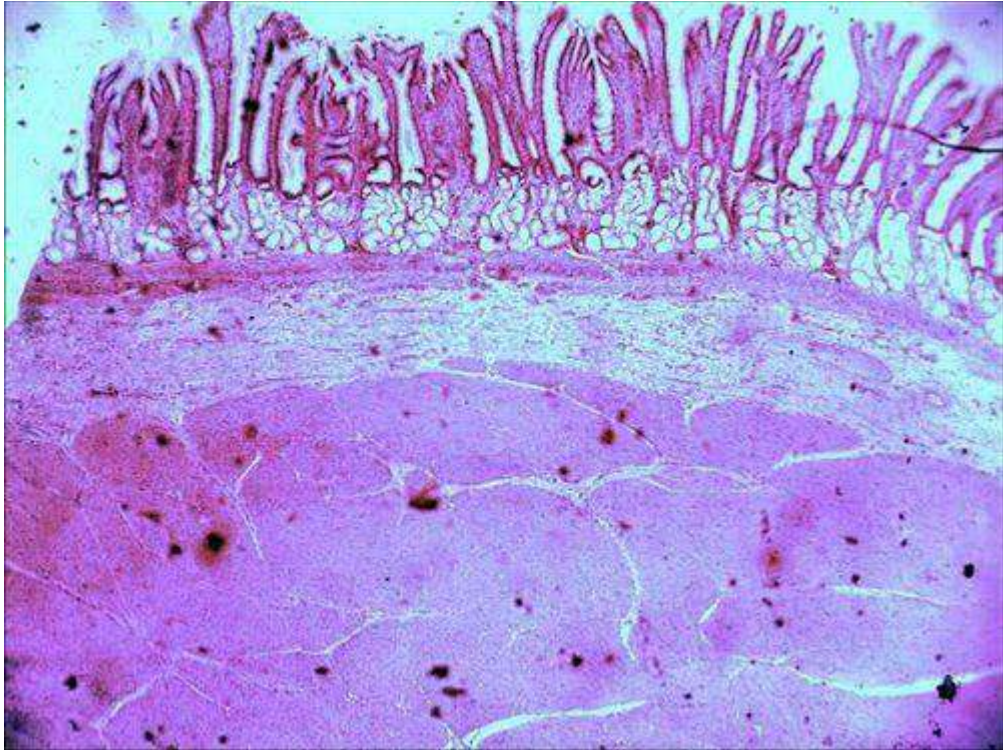
**Mucosa of large intestine**

Выберите один из 4 вариантов ответа:

- |    |   |                |
|----|---|----------------|
| 1) | + | Mucous cells   |
| 2) | - | Adipose cells  |
| 3) | - | Chief cells    |
| 4) | - | Parietal cells |

**Задание №158**

Name this slide:

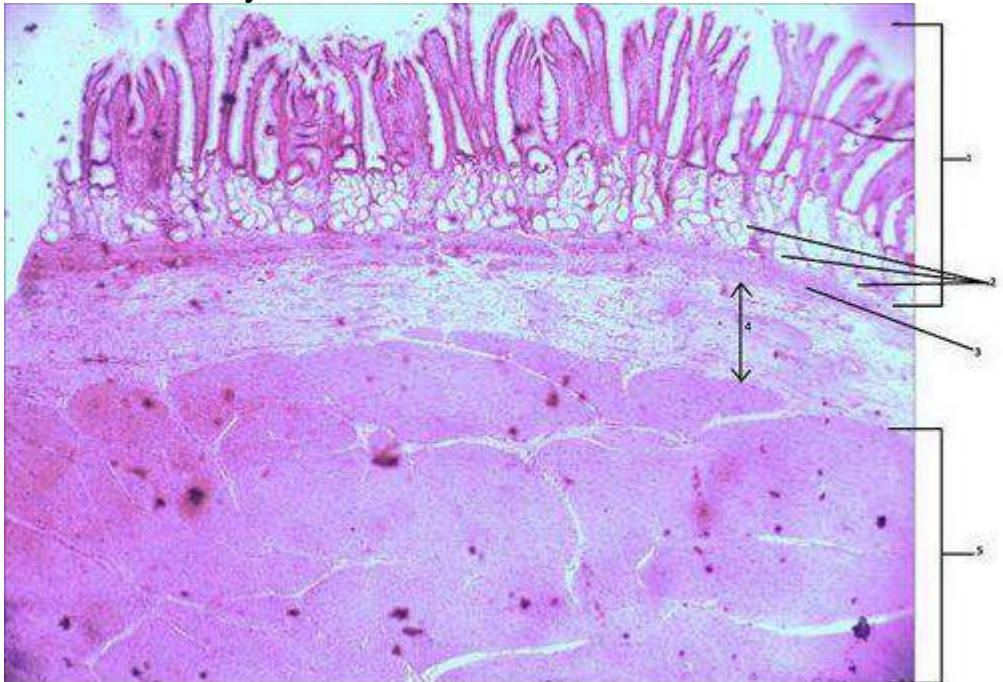


Выберите один из 4 вариантов ответа:

1)	+	Pyloric region of stomach
2)	-	Fundus region of stomach
3)	-	Duodenum
4)	-	Large intestine

**Задание №159**

What structure is marked by number 1?



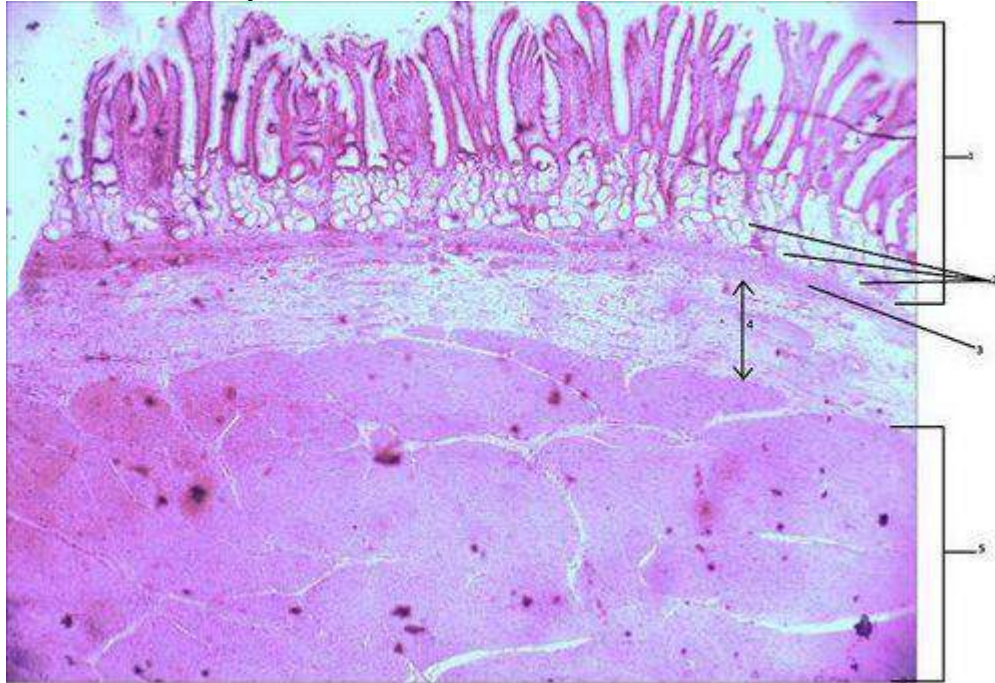
Выберите один из 4 вариантов ответа:



1)	+	Mucosa of pyloric region of stomach
2)	-	Mucosa of fundus region of stomach
3)	-	Mucosa of duodenum
4)	-	Mucosa of large intestine

**Задание №160**

What structure is marked by number 4?

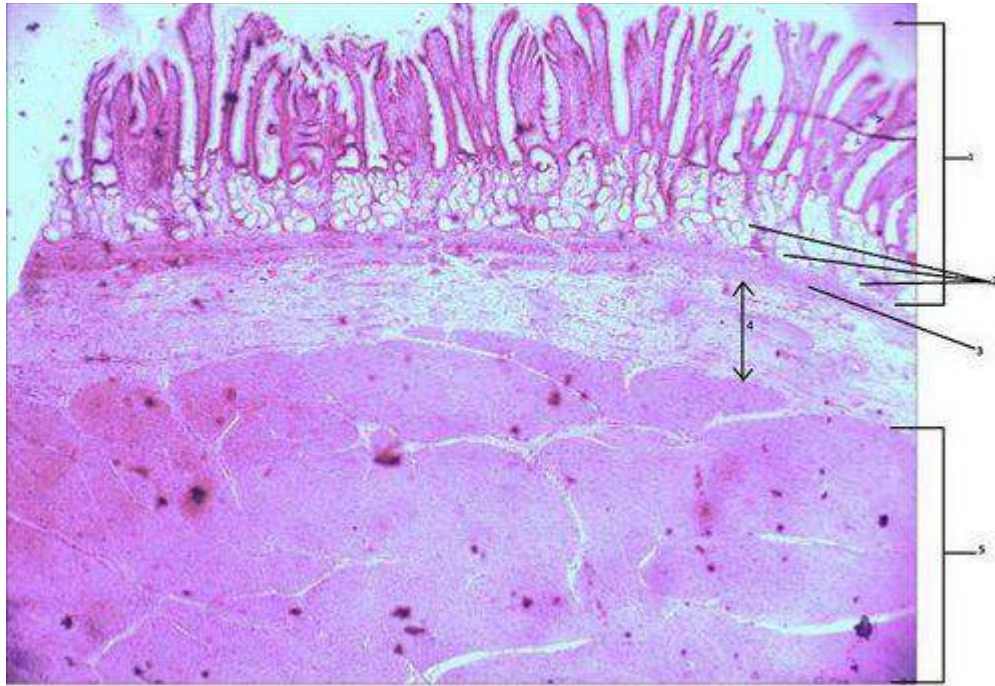


Выберите один из 4 вариантов ответа:

1)	+	Submucosa of pyloric region of stomach
2)	-	Submucosa of fundus region of stomach
3)	-	Submucosa of duodenum
4)	-	Submucosa of large intestine

**Задание №161**

What structure is marked by number 2?

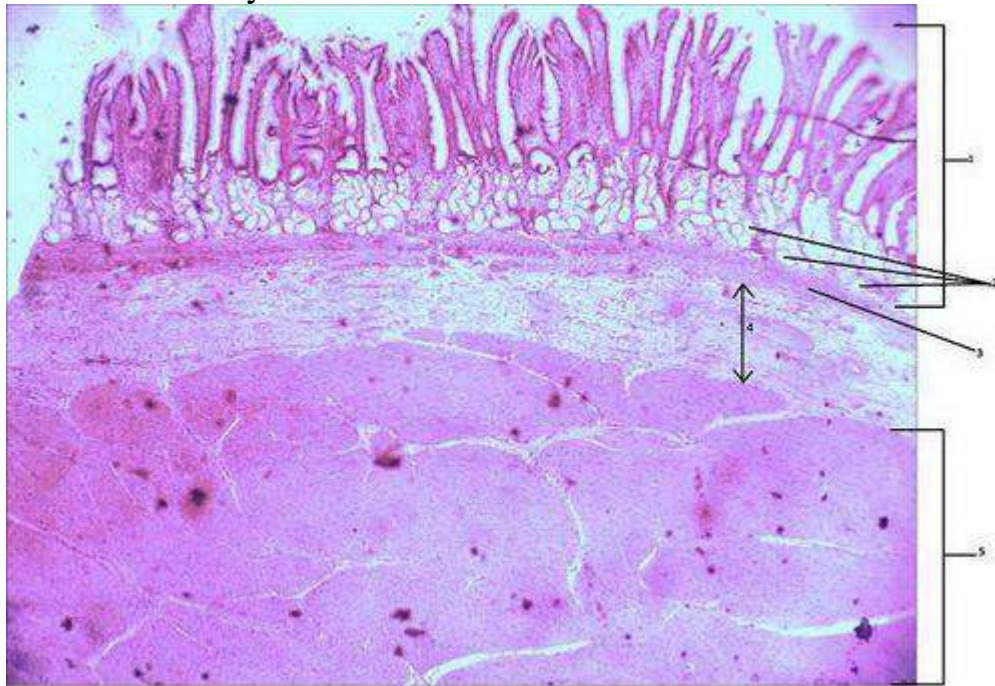


Выберите один из 4 вариантов ответа:

1)	+	Pyloric glands
2)	-	Fundus glands
3)	-	Duodenum glands
4)	-	Large intestine glands

**Задание №162**

What structure is marked by number 5?



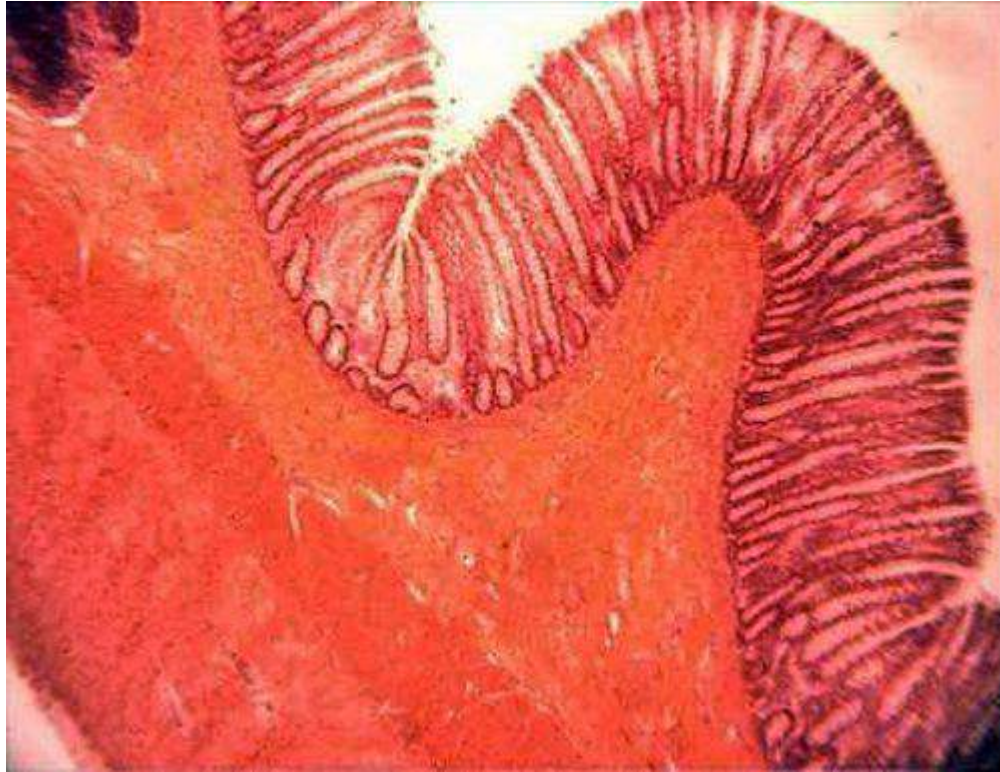
Выберите один из 4 вариантов ответа:

1)	+	Muscular tunic
----	---	----------------

2)	-	Submucosa
3)	-	Mucosa
4)	-	Muscular layer of mucosa tunic

**Задание №163**

Name this slide:

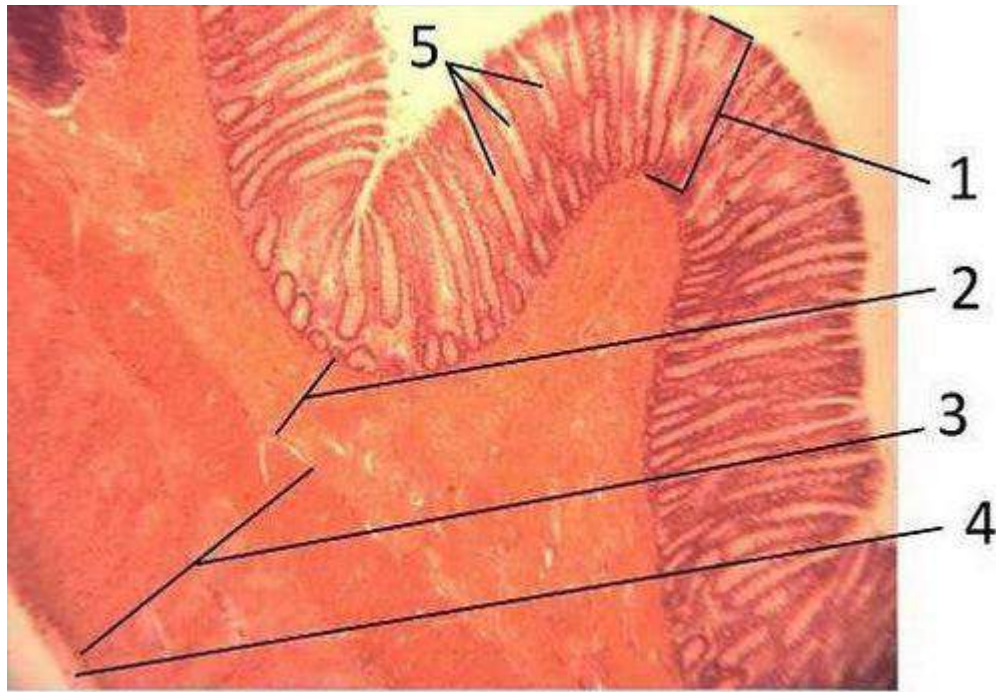


Выберите один из 4 вариантов ответа:

1)	+	Large intestine
2)	-	Fundus region of stomach
3)	-	Duodenum
4)	-	Pyloric region of stomach

**Задание №164**

What structure is marked by number 1?



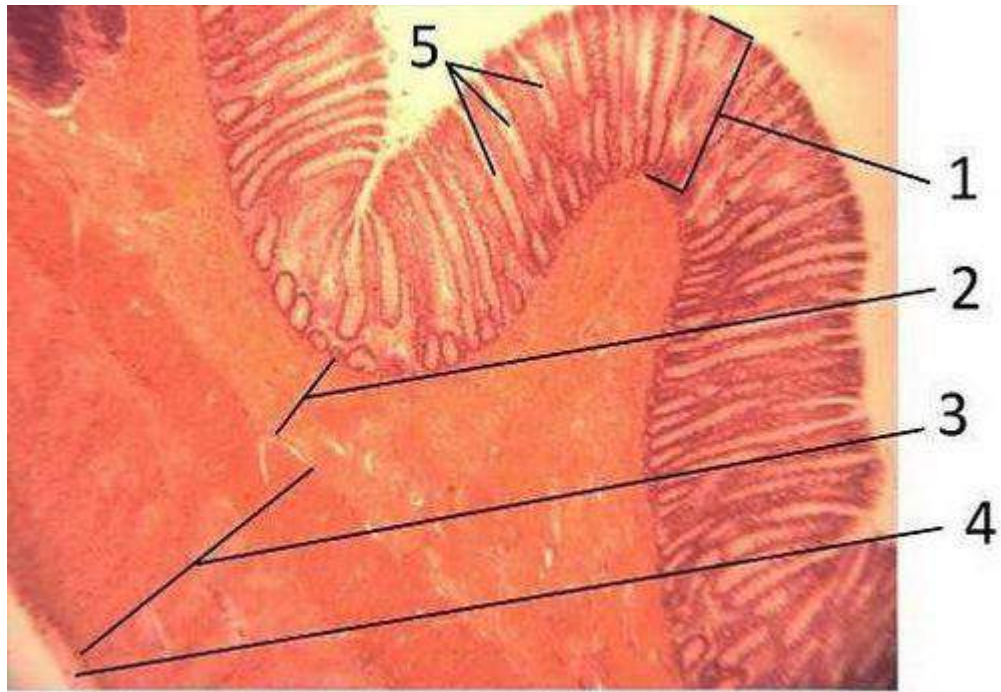
**Large intestine**

Выберите один из 4 вариантов ответа:

1)	+	Mucosa of pyloric region of stomach
2)	-	Mucosa of fundus region of stomach
3)	-	Mucosa of duodenum
4)	-	Mucosa of large intestine

**Задание №165**

What structure is marked by number 2?



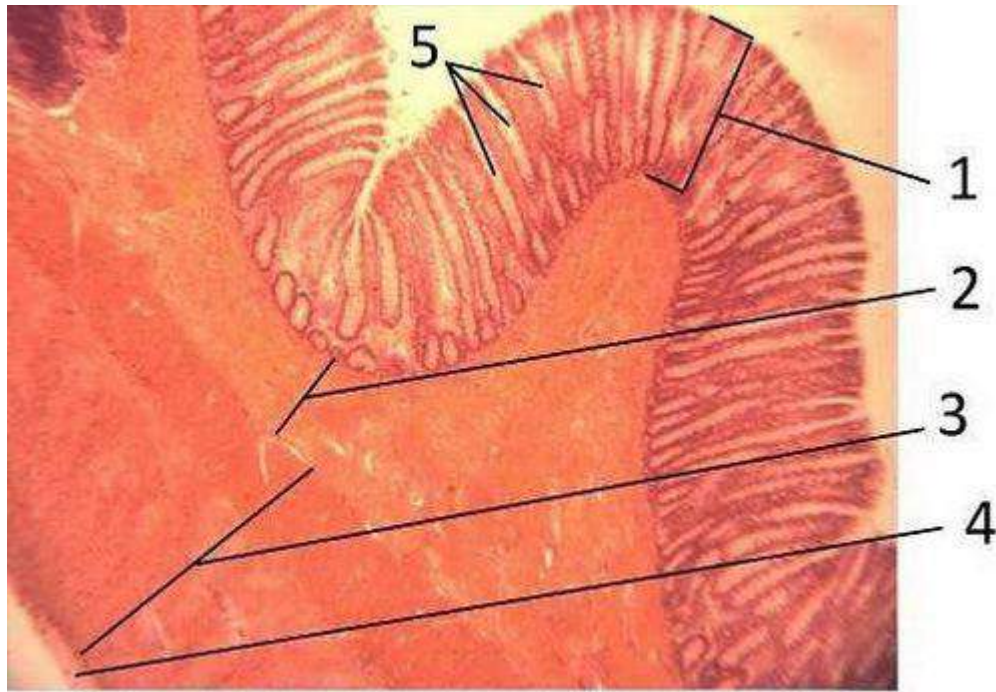
## Large intestine

Выберите один из 4 вариантов ответа:

1)	+	Submucosa
2)	-	Mucosa
3)	-	Muscular tunic
4)	-	Muscular layer of mucosa tunic

### Задание №166

What structure is marked by number 3?



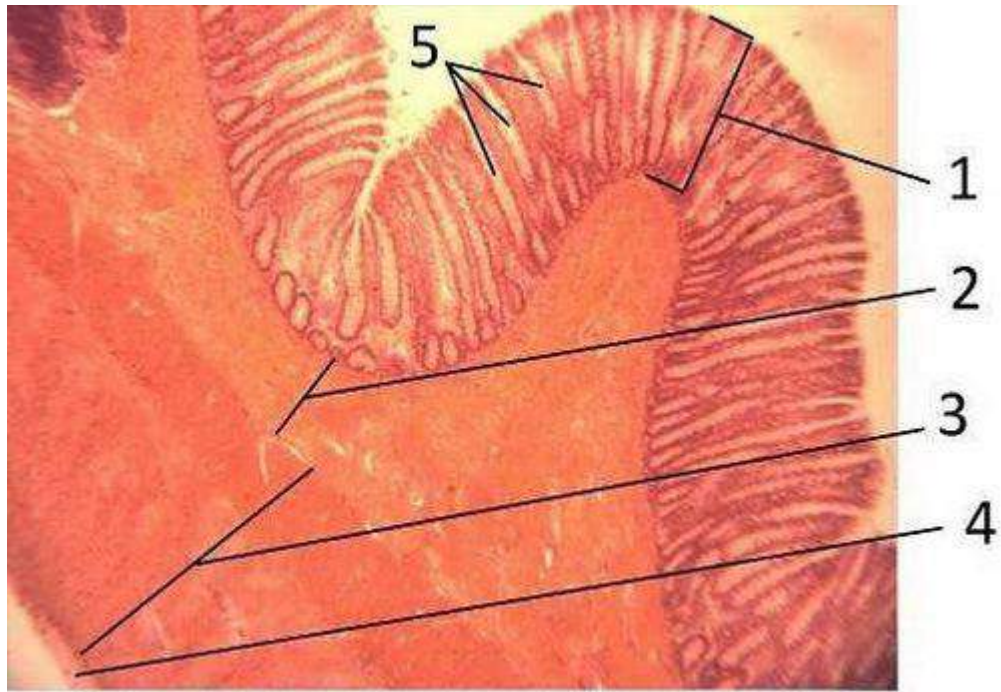
## Large intestine

Выберите один из 4 вариантов ответа:

1)	+	Muscular tunic
2)	-	Mucosa
3)	-	Submucosa
4)	-	Muscular layer of mucosa tunic

### Задание №167

What structure is marked by number 5?



## Large intestine

Выберите один из 4 вариантов ответа:

1)	+	Crypt
2)	-	Villi
3)	-	Villus
4)	-	Lymphoid nodule

### Задание №168

Name this slide:

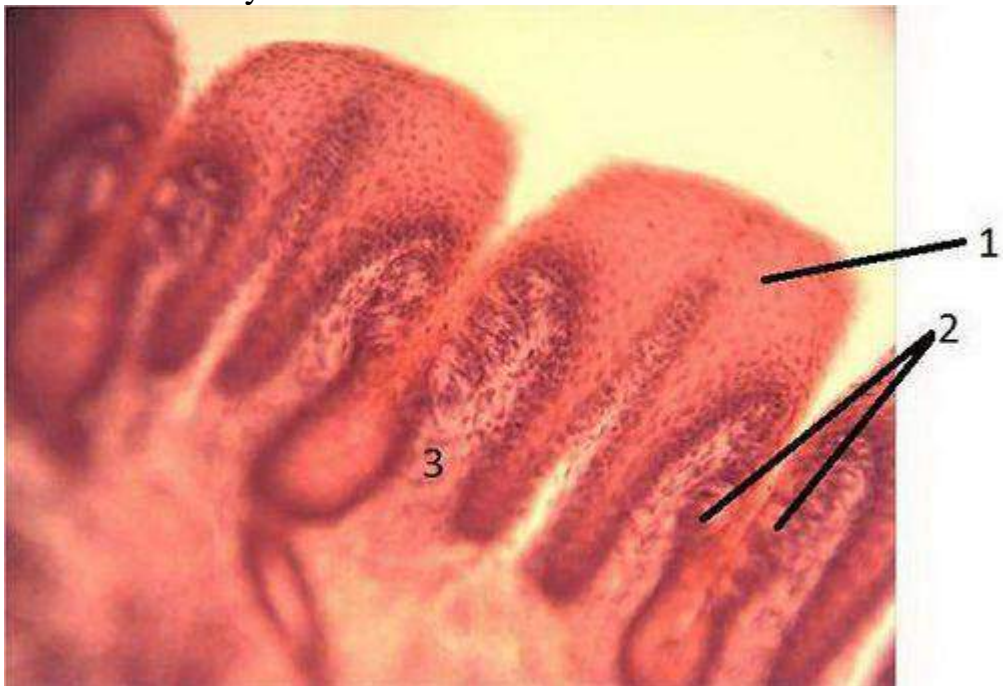


Выберите один из 4 вариантов ответа:

1)	+	Foliate papilla
2)	-	Lymphoid nodule
3)	-	Filiform papilla
4)	-	Parathyroid gland

**Задание №169**

What structure is marked by number 1?



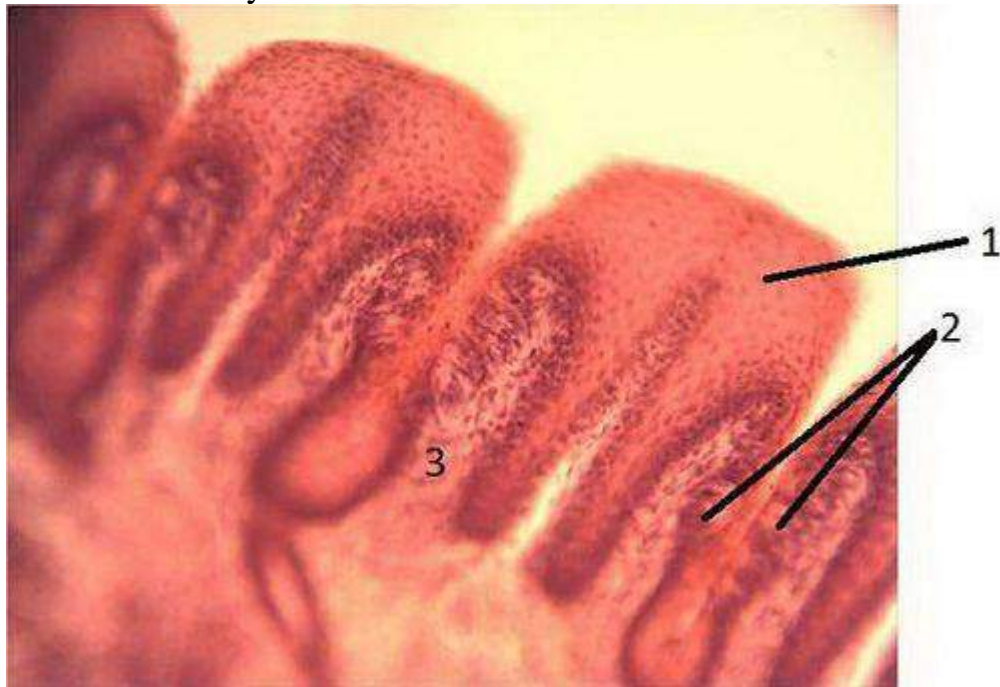


Выберите один из 4 вариантов ответа:

1)	+	Stratified squamous nonkeratised epithelium
2)	-	Ciliated epithelium
3)	-	Stratified squamous keratised epithelium
4)	-	Stratified cuboidal epithelium

**Задание №170**

What structure is marked by number 2?

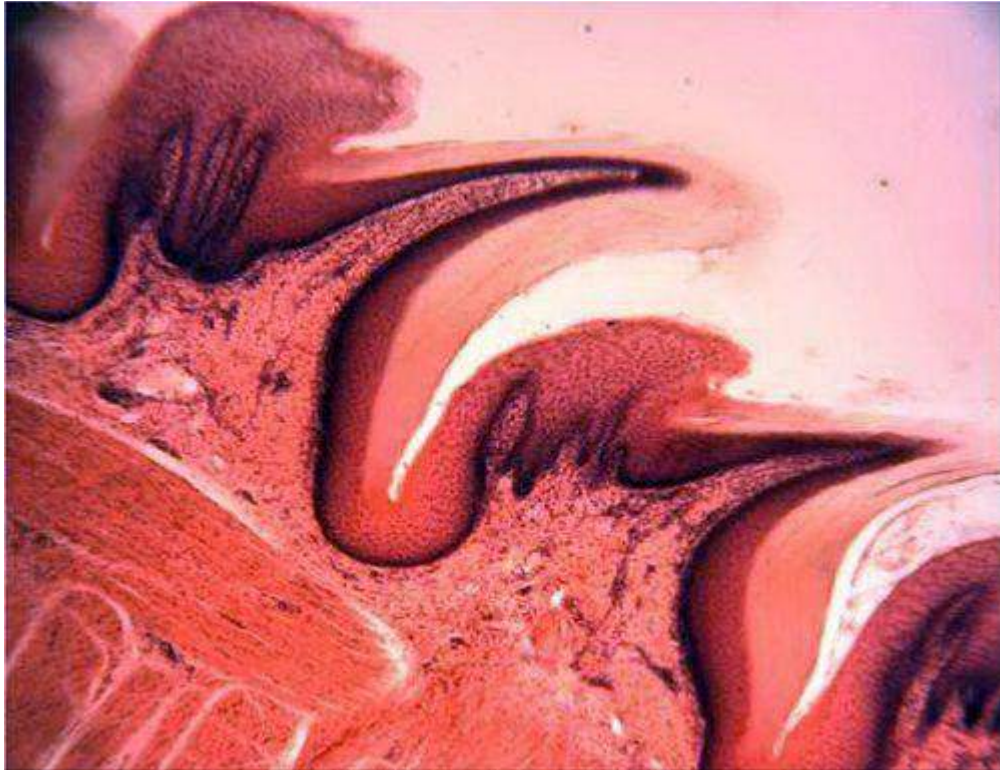


Выберите один из 4 вариантов ответа:

1)	+	Taste buds
2)	-	Nerve fibers
3)	-	Stratified squamous nonkeratised epithelium
4)	-	Lymphoid nodule

**Задание №171**

Name this slide:

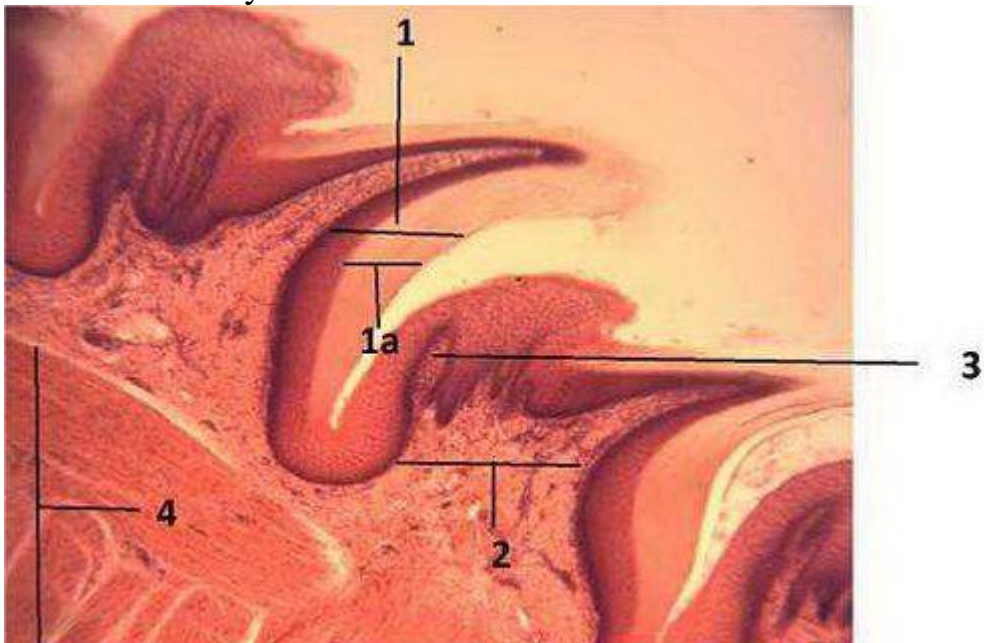


Выберите один из 4 вариантов ответа:

1)	+	Filiform papilla
2)	-	Lymphoid nodule
3)	-	Foliate papilla
4)	-	Parathyroid gland

**Задание №172**

What structure is marked by number 1?

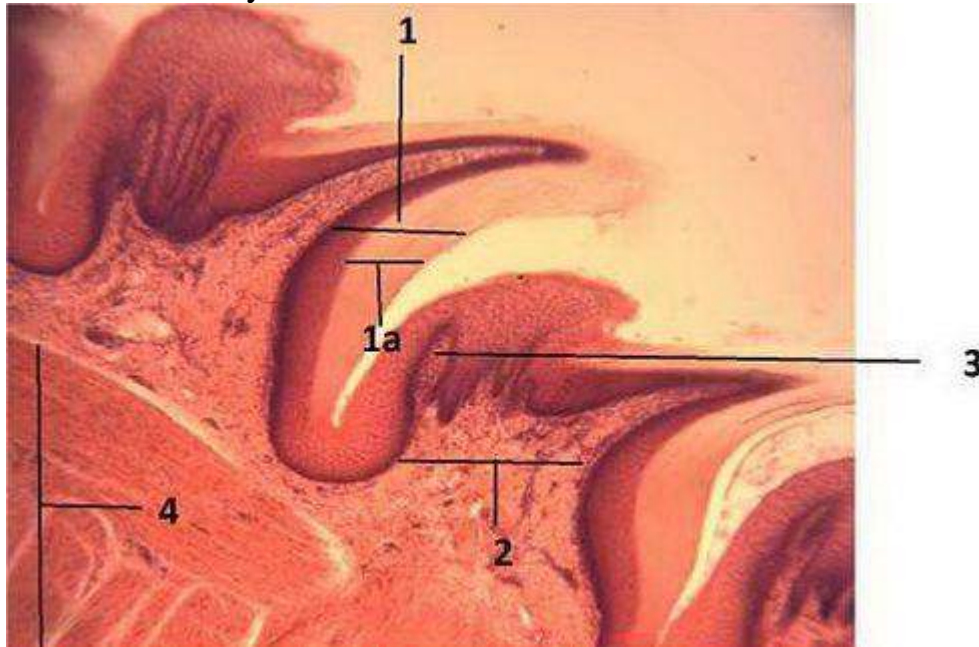


Выберите один из 4 вариантов ответа:

1)	+	Stratified squamous nonkeratized epithelium of the filiform papilla
2)	-	Stratified squamous nonkeratized epithelium of the foliate papilla
3)	-	Stratified squamous keratized epithelium of the filiform papilla
4)	-	Stratified squamous keratized epithelium of the foliate papilla

**Задание №173**

What structure is marked by number 2?

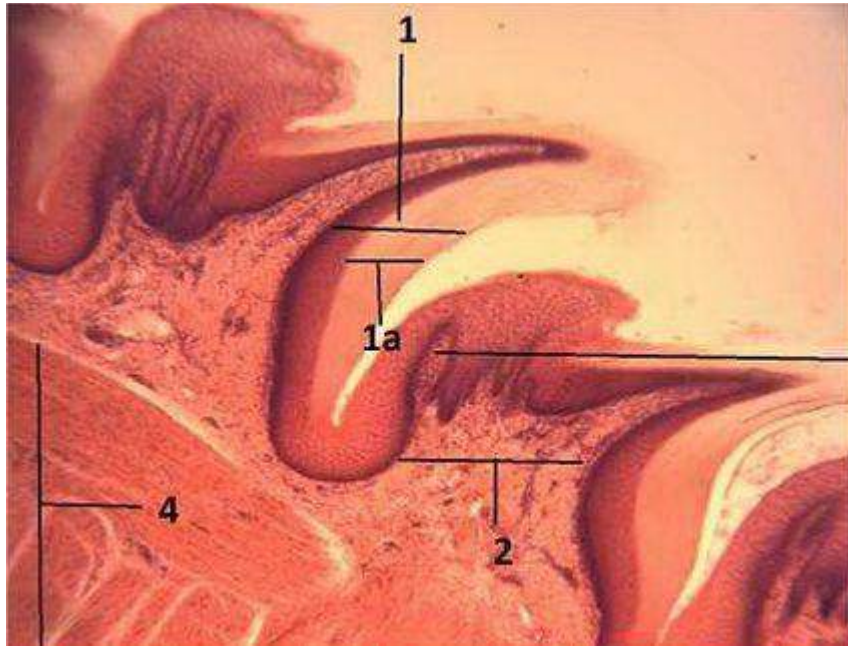


Выберите один из 4 вариантов ответа:

1)	+	Lamina propria of the filiform papilla
2)	-	Lamina propria of the foliate papilla
3)	-	Lamina propria of the duodenum
4)	-	Muscular layer of mucosa tunic

**Задание №174**

What structure is marked by number 4?

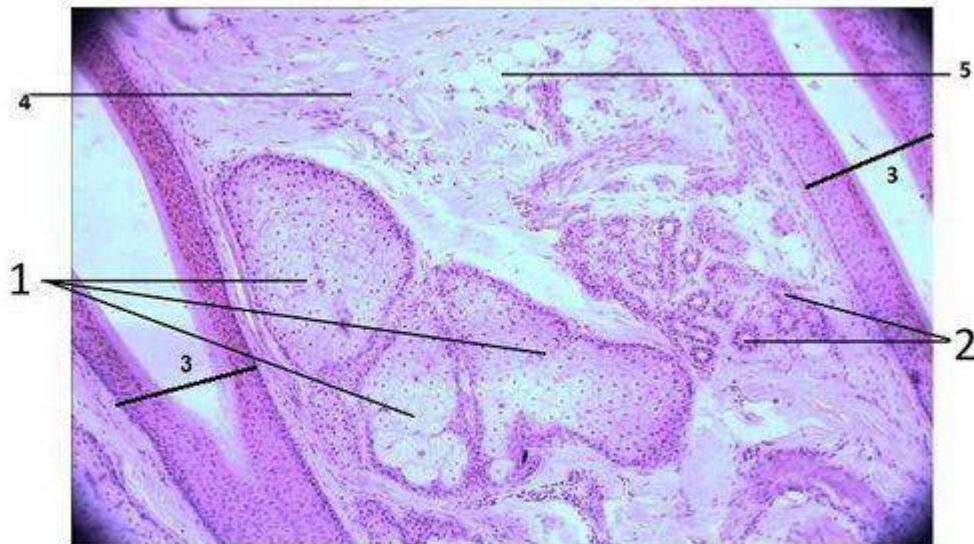


Выберите один из 4 вариантов ответа:

1)	+	Lingual muscles
2)	-	Lamina propria
3)	-	Submucosa
4)	-	Muscular layer of mucosa tunic

**Задание №175**

What structure is marked by number 1?



**Skin with hairs and glands**

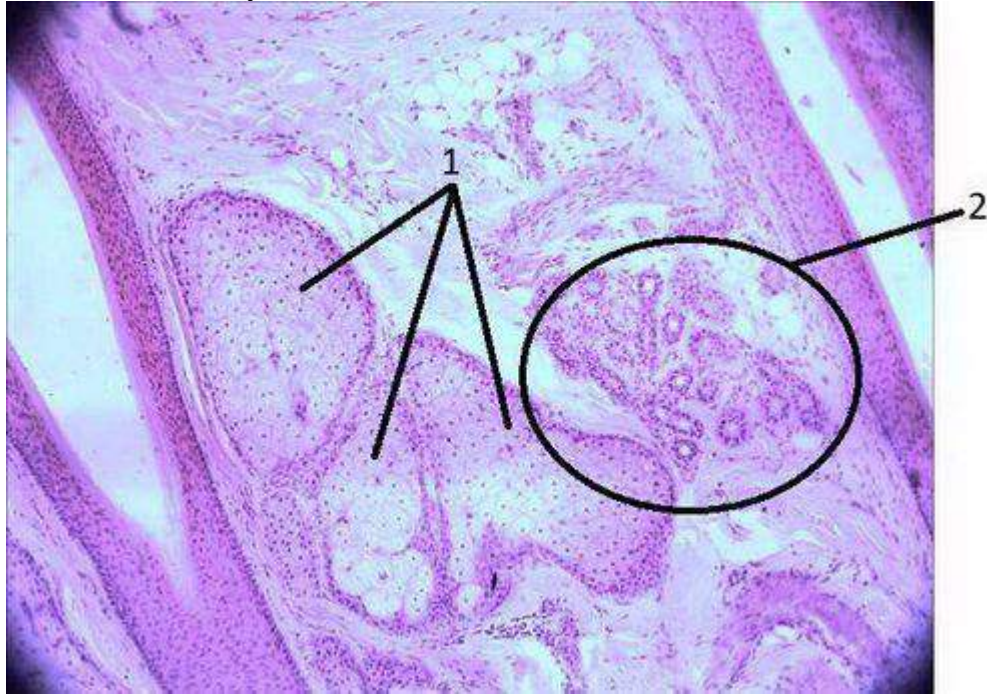
Выберите один из 4 вариантов ответа:

1)	+	Secretory portion of sebaceous glands
2)	-	Secretory portion of sweat glands

3)	-	Hair follicles
4)	-	Excretory duct of sebaceous glands

**Задание №176**

What structure is marked by number 2?

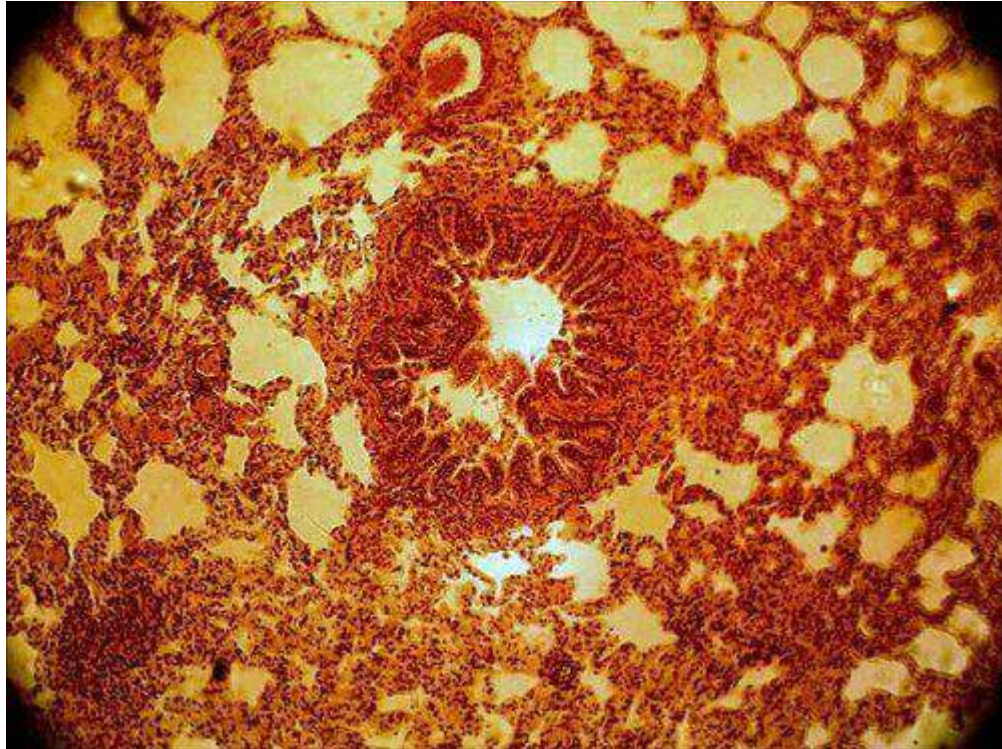


Выберите один из 4 вариантов ответа:

1)	+	Secretory portion of sweat glands
2)	-	Secretory portion of sebaceous glands
3)	-	Hair follicles
4)	-	Excretory duct of sebaceous glands

**Задание №177**

Name this slide:

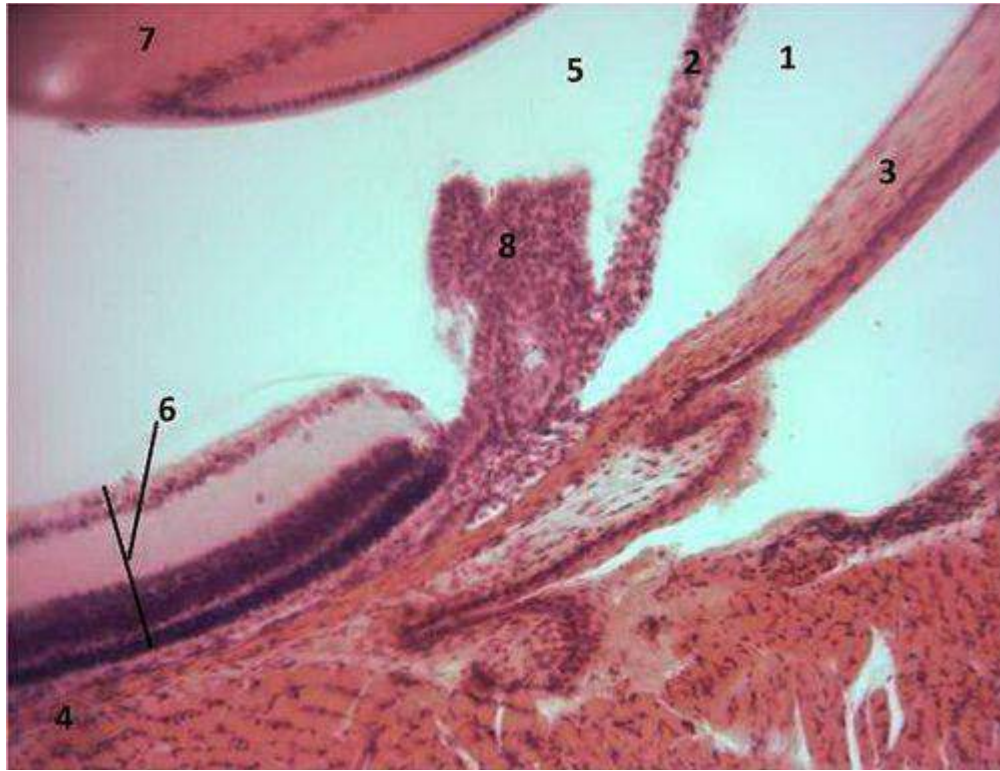


Выберите один из 4 вариантов ответа:

1)	+	Small bronchi
2)	-	Main bronchi
3)	-	Terminal bronchiole
4)	-	Medium bronchi

**Задание №178**

Name this slide:

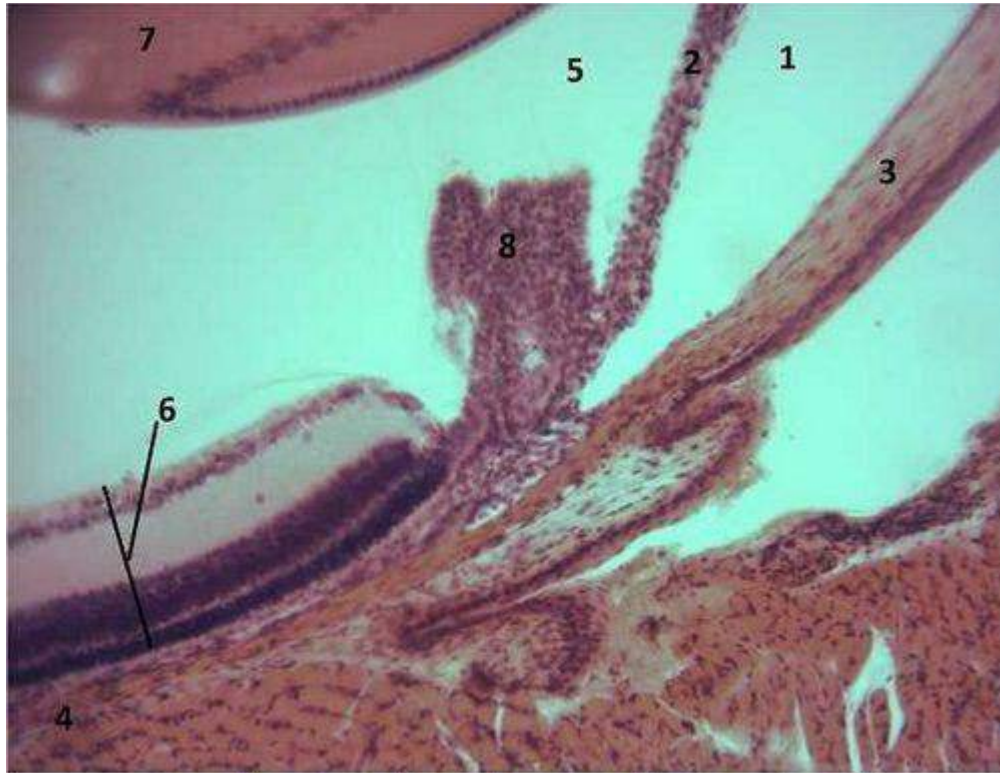


Выберите один из 4 вариантов ответа:

1)	+	Angel of the eye
2)	-	Cochlear
3)	-	Vitreous body
4)	-	Anterior chamber

**Задание №179**

What structure is marked by number 3?



**Eye (anterior lateral partion)**

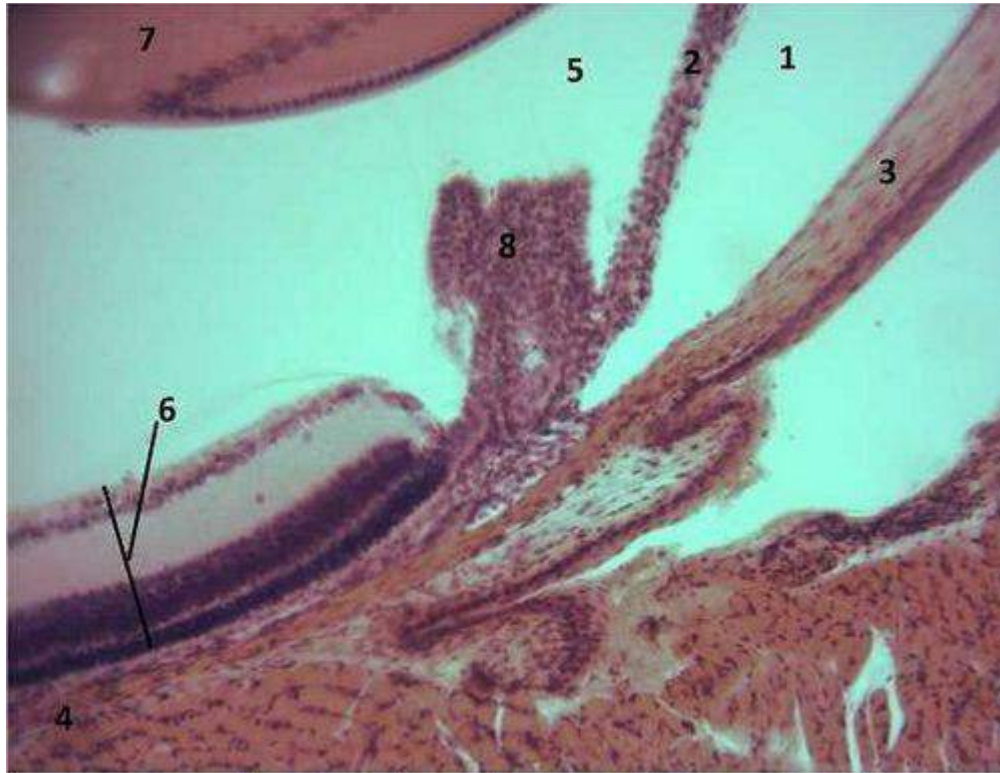
Выберите один из 4 вариантов ответа:

1)	+	Cornea
2)	-	Vitreous body
3)	-	Anterior chamber
4)	-	Lens

**Задание №180**

What structure is marked by number 8?





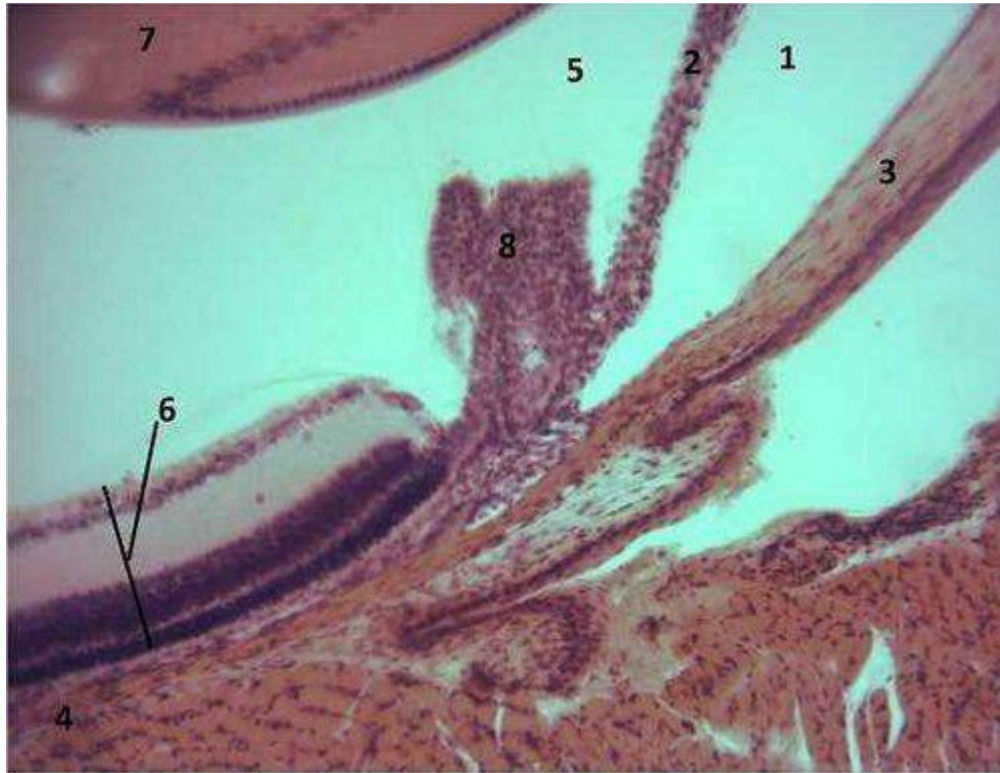
**Eye (anterior lateral partion)**

Выберите один из 4 вариантов ответа:

1)	+	Ciliary body
2)	-	Vitreous body
3)	-	Cornea
4)	-	Retina

**Задание №181**

Which of the following numbers correspond to the lens?



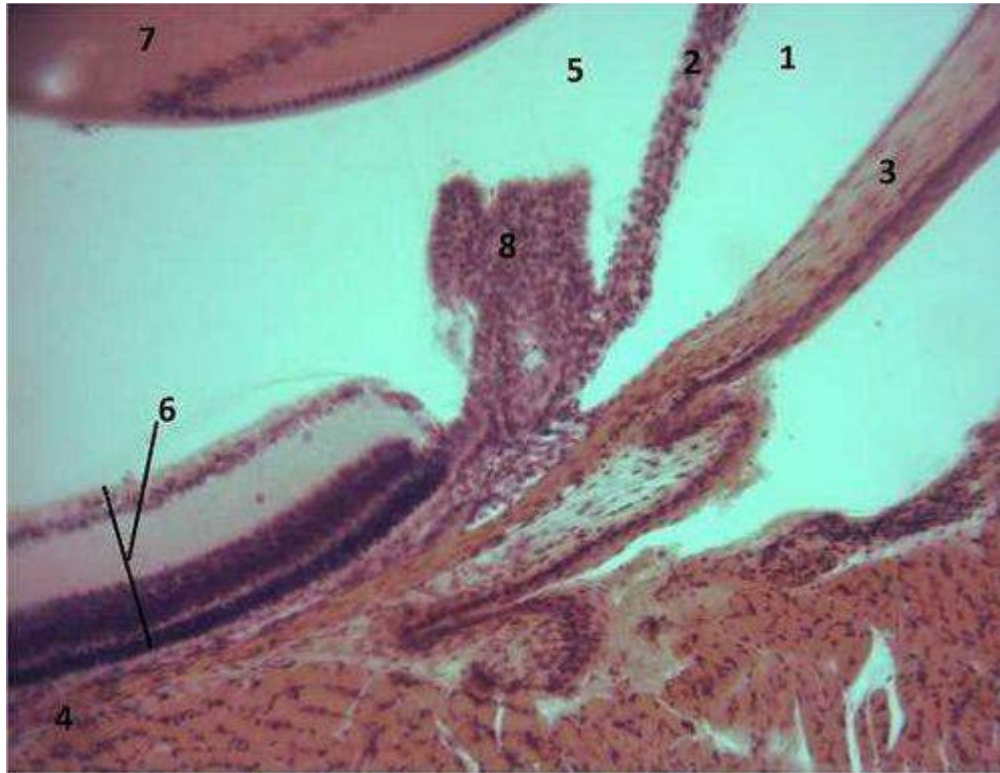
**Eye (anterior lateral partion)**

Выберите один из 4 вариантов ответа:

1)	+	7
2)	-	8
3)	-	5
4)	-	6

**Задание №182**

Which of the following numbers correspond to the Retina?



**Eye (anterior lateral partion)**

Выберите один из 4 вариантов ответа:

1)	+	6
2)	-	8
3)	-	5
4)	-	7

**Задание №183**

Name this slide:

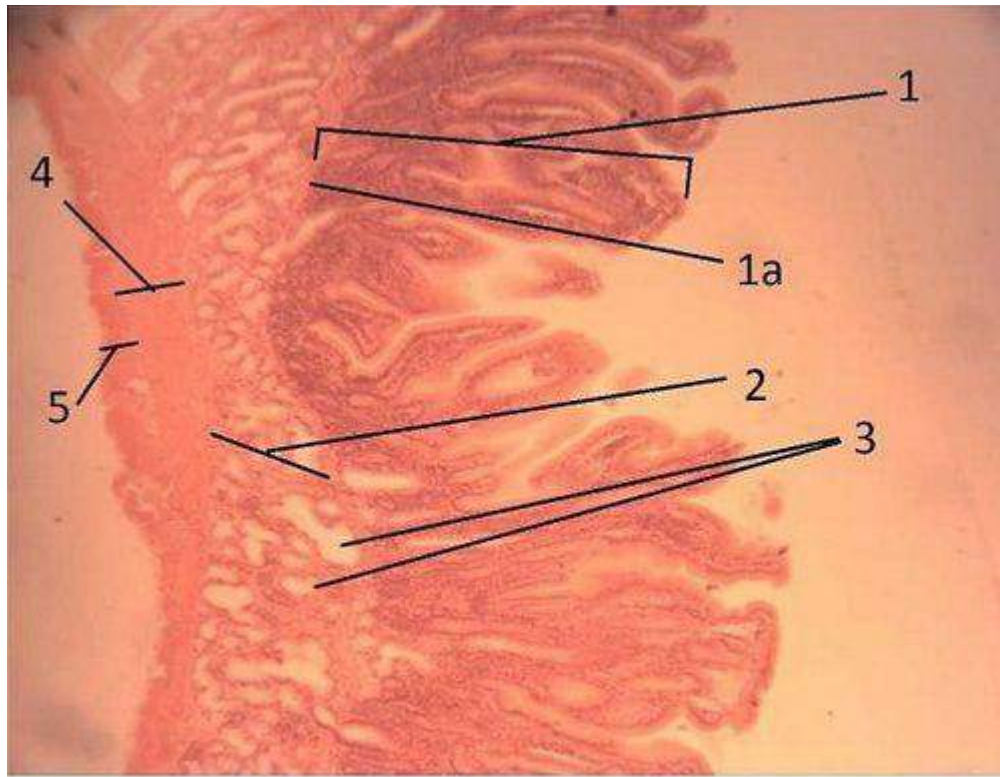


Выберите один из 4 вариантов ответа:

1)	+	Duodenum
2)	-	Fundus region of stomach
3)	-	Jejunum
4)	-	Large intestine

**Задание №184**

Which of the following numbers correspond to the muscular layer of mucosa tunic?



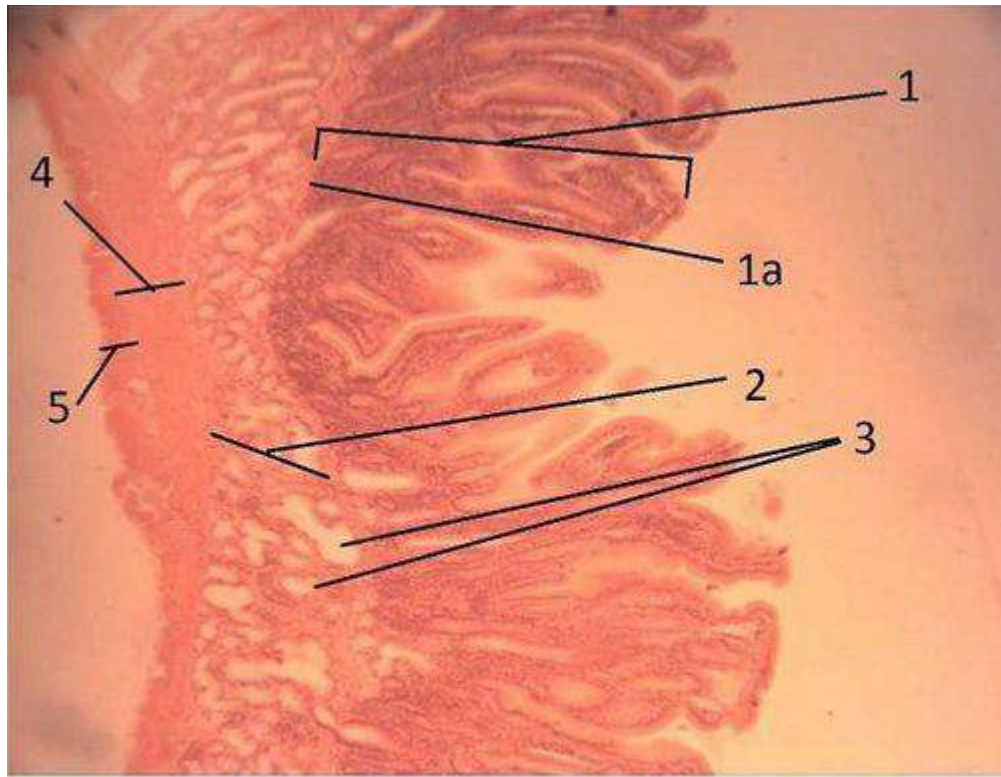
## Duodenum

Выберите один из 4 вариантов ответа:

1)	+	1a
2)	-	1
3)	-	3
4)	-	4

### Задание №185

Which of the following numbers correspond to the mucosa tunic?



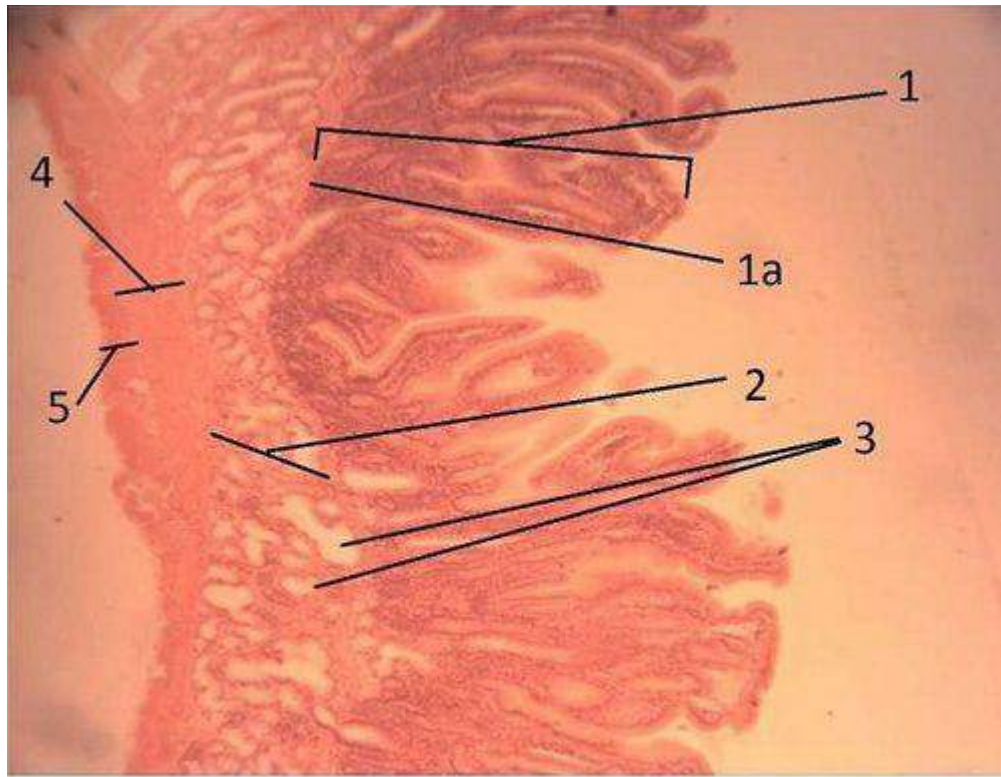
## Duodenum

Выберите один из 4 вариантов ответа:

1)	+	1
2)	-	2
3)	-	3
4)	-	4

### Задание №186

Which of the following numbers correspond to the submucosa tunic?



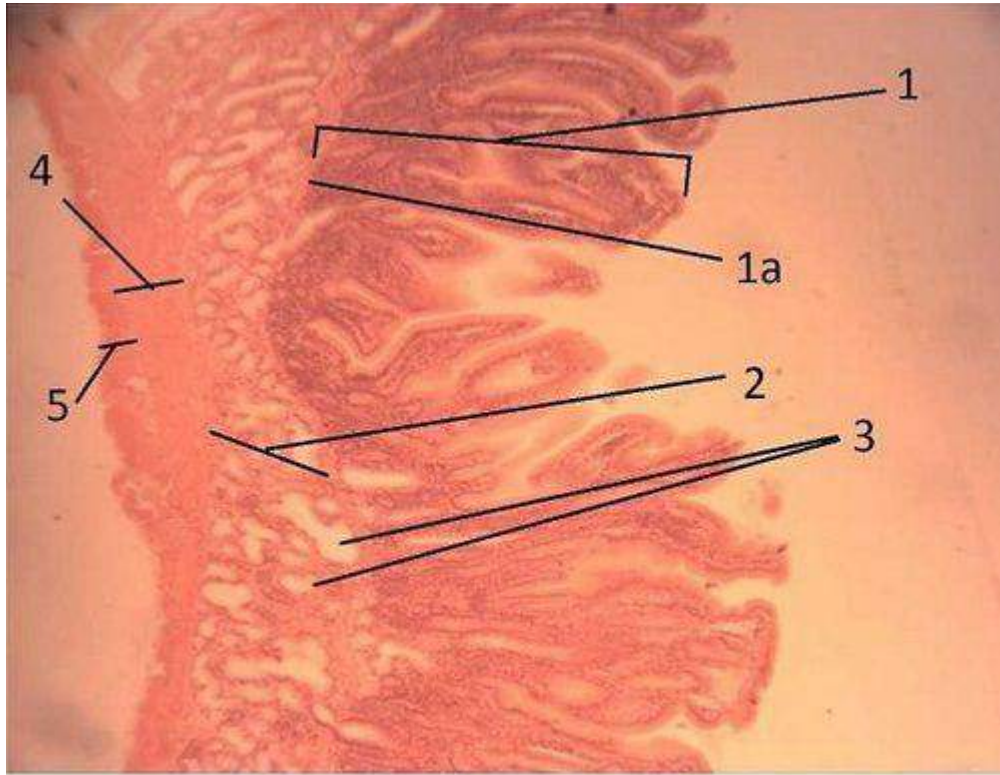
**Duodenum**

Выберите один из 4 вариантов ответа:

1)	+	2
2)	-	1
3)	-	3
4)	-	4

**Задание №187**

Which of the following numbers correspond to the muscular tunica?



**Duodenum**

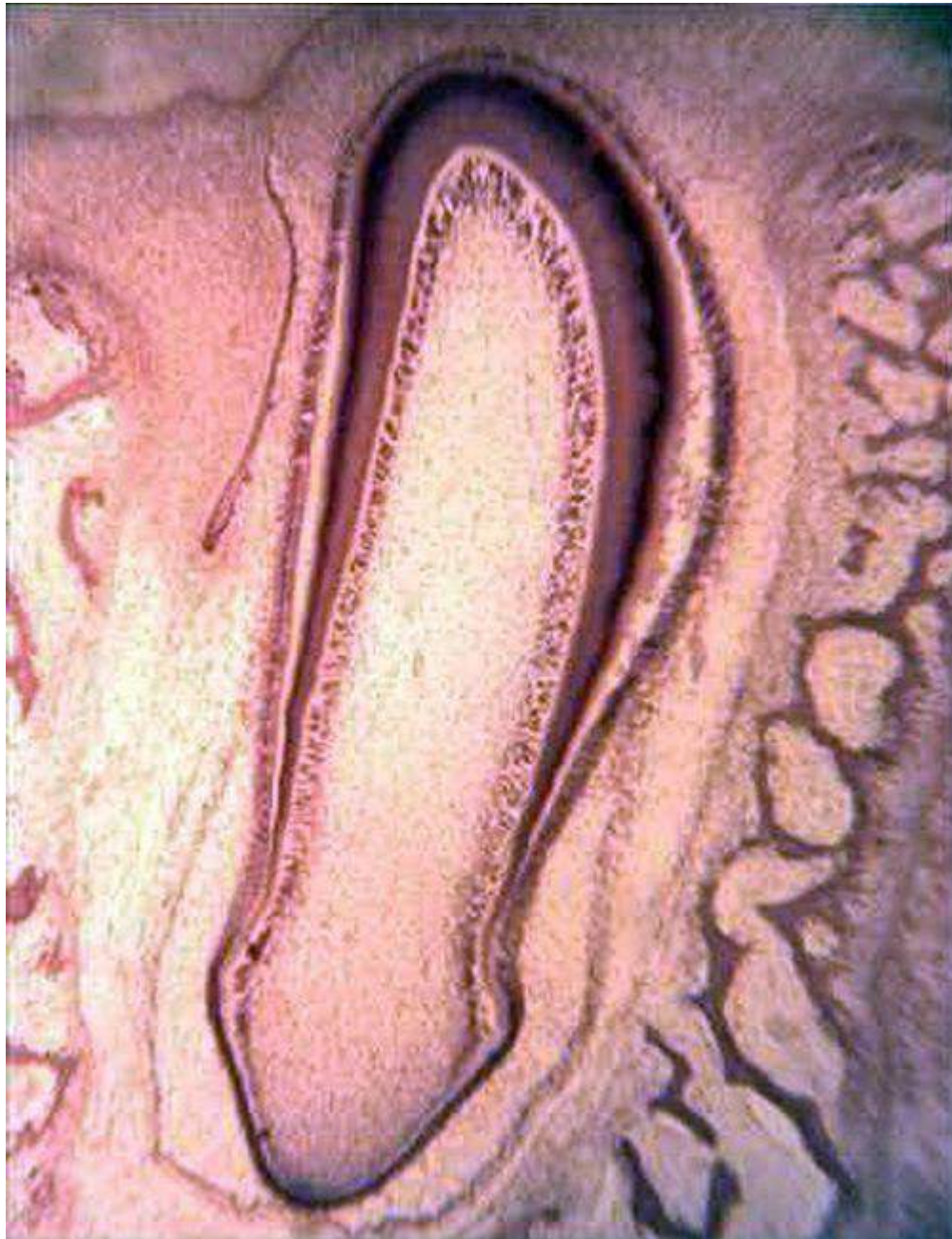
Выберите один из 4 вариантов ответа:

1)	+	4
2)	-	1
3)	-	3
4)	-	2

**Задание №188**

Name this slide:



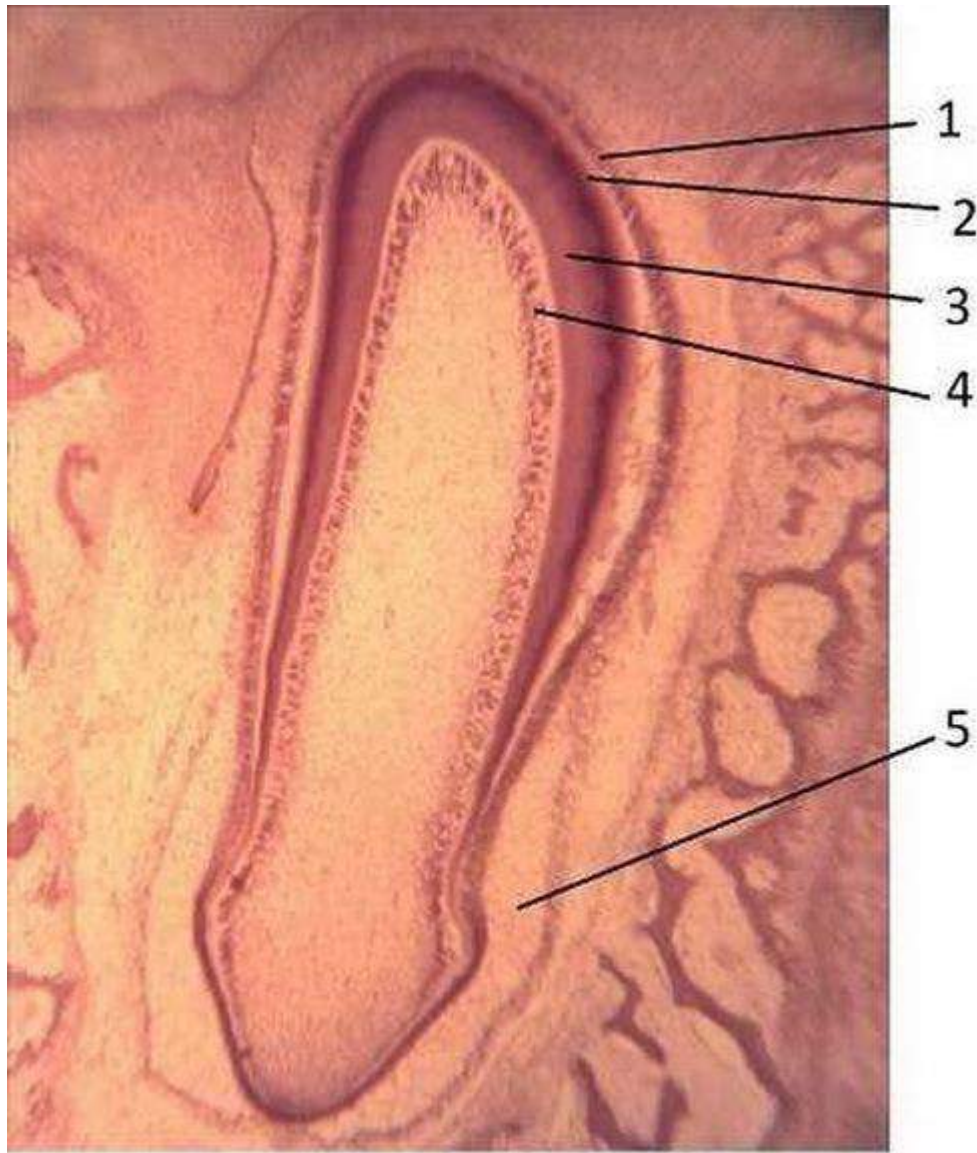


Выберите один из 4 вариантов ответа:

1)	+	Late stage development of the tooth
2)	-	Filiform papilla
3)	-	Early stage development of the tooth
4)	-	Parathyroid gland

**Задание №189**

Which of the following numbers correspond to the enamel?



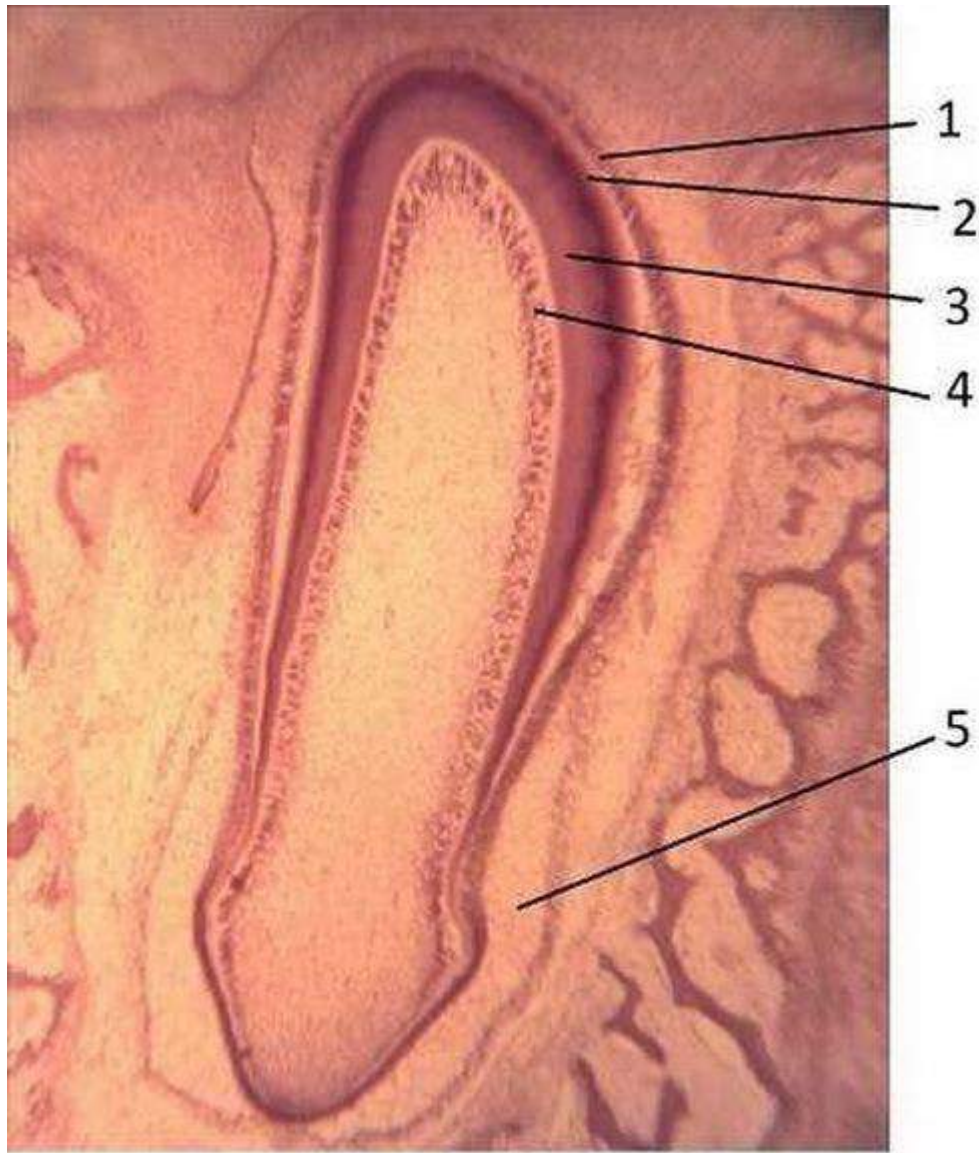
**Tooth development(maturation stage, or late stage)**

Выберите один из 4 вариантов ответа:

1)	+	2
2)	-	1
3)	-	3
4)	-	4

**Задание №190**

Which of the following numbers correspond to the ameloblasts?



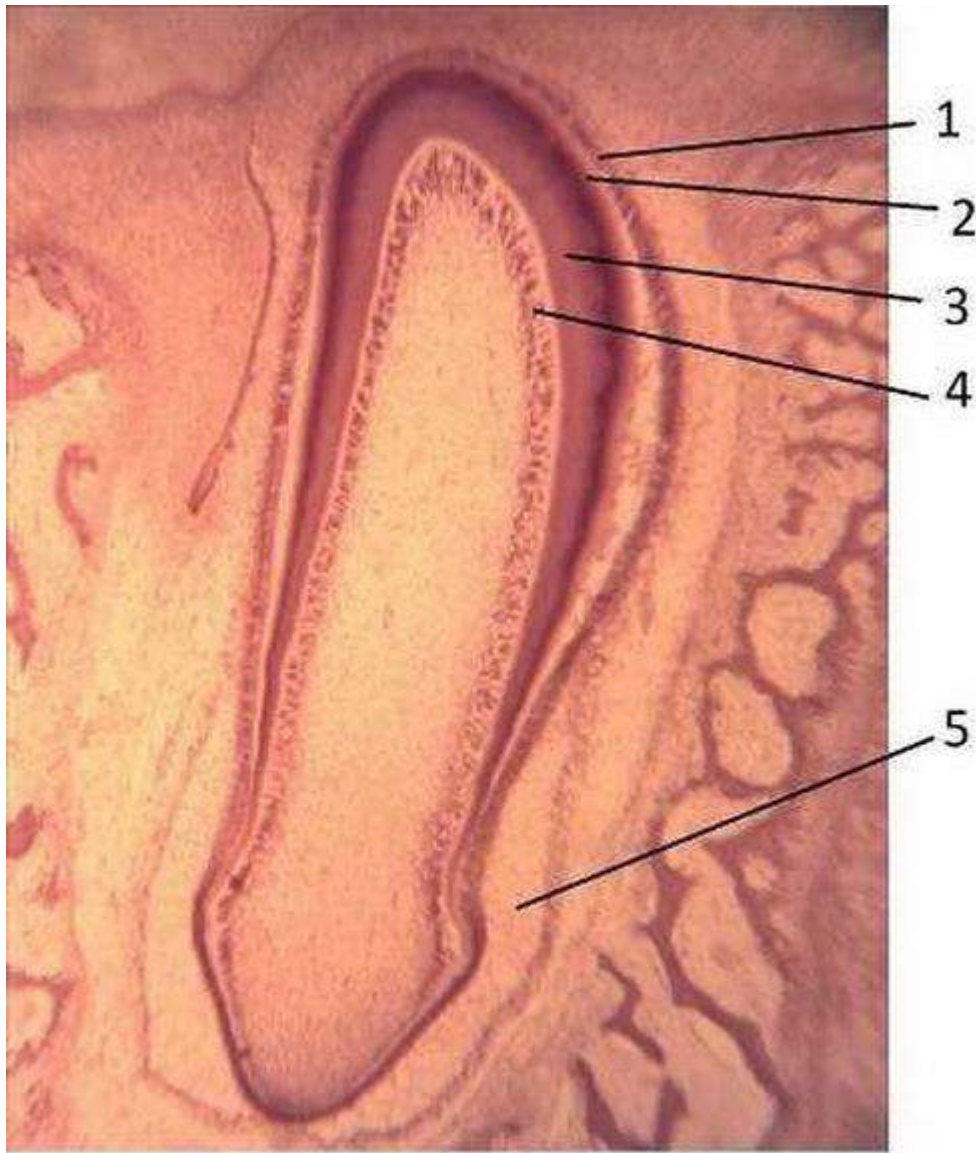
**Tooth development(maturation stage, or late stage)**

Выберите один из 4 вариантов ответа:

1)	+	1
2)	-	2
3)	-	3
4)	-	4

**Задание №191**

Which of the following numbers correspond to the dentin?



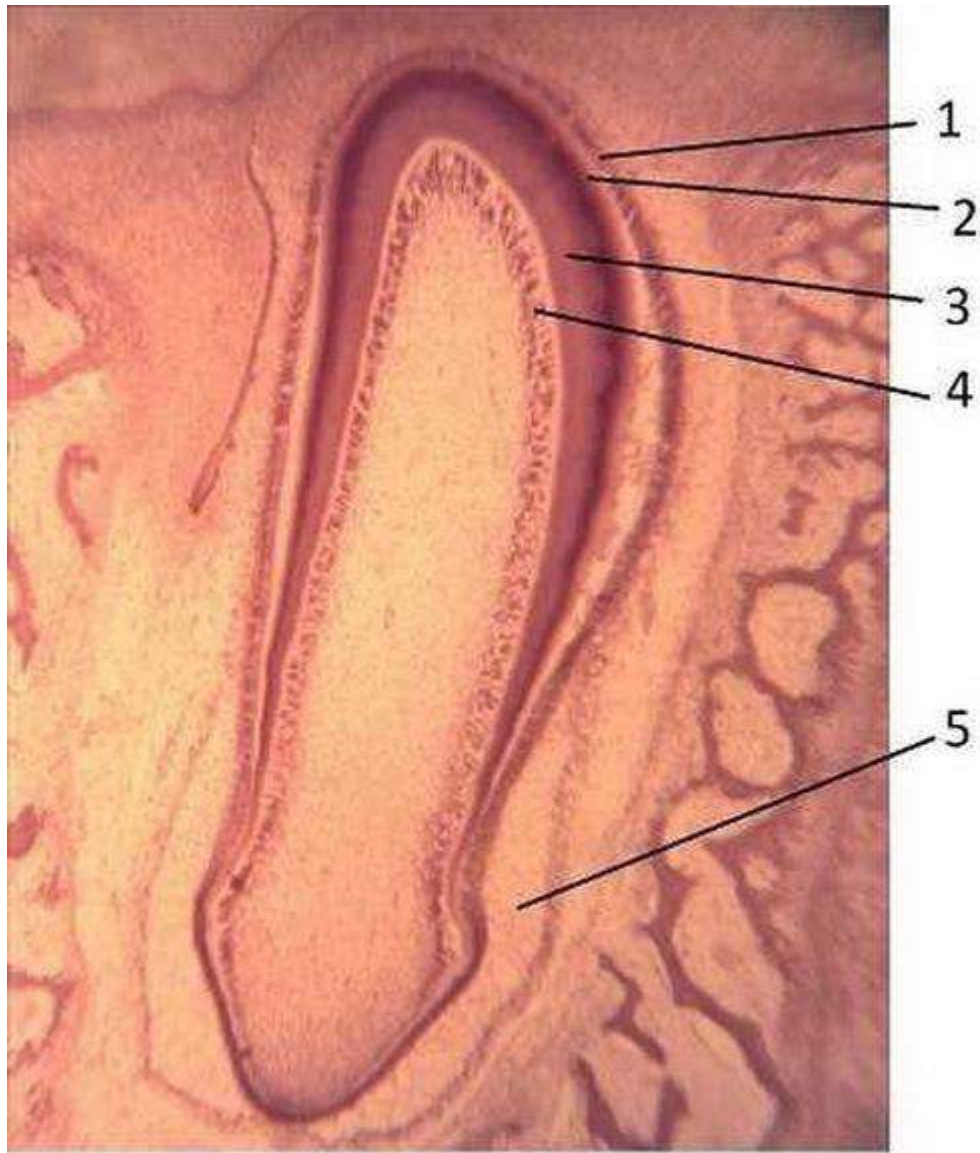
**Tooth development(maturation stage, or late stage)**

Выберите один из 4 вариантов ответа:

1)	+	3
2)	-	1
3)	-	2
4)	-	4

**Задание №192**

Which of the following numbers correspond to the odontoblasts?



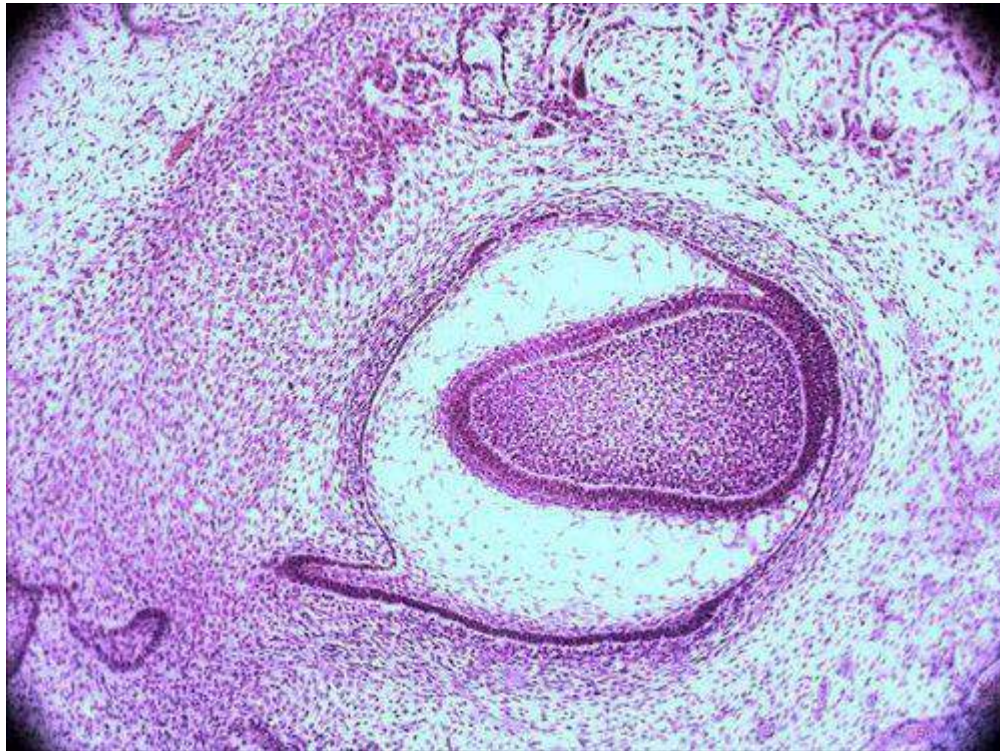
**Tooth development(maturation stage, or late stage)**

Выберите один из 4 вариантов ответа:

1)	+	4
2)	-	1
3)	-	3
4)	-	2

**Задание №193**

Name this slide:

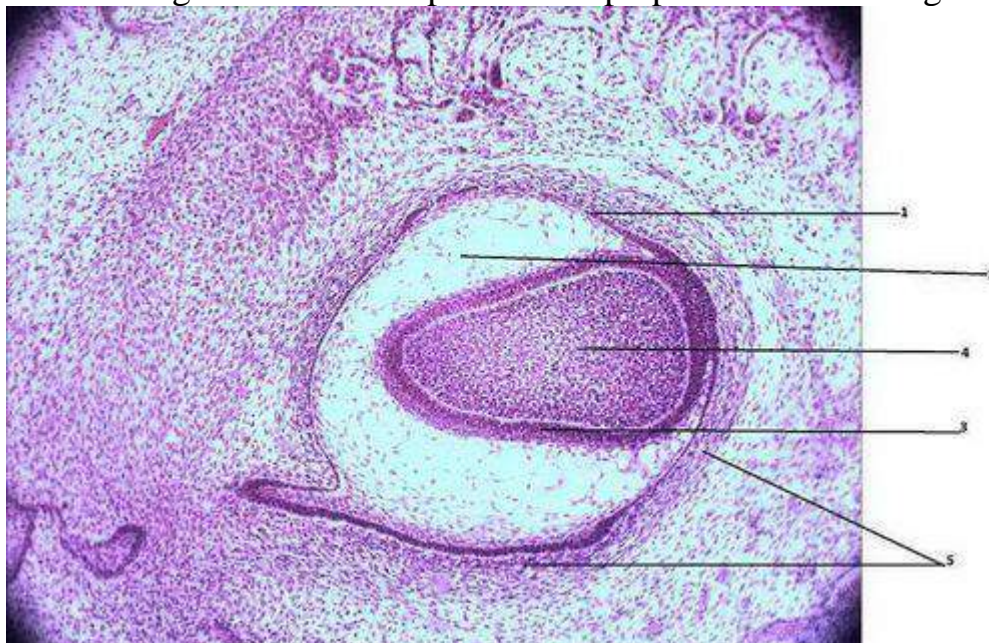


Выберите один из 4 вариантов ответа:

1)	+	Early stage development of the tooth
2)	-	Filiform papilla
3)	-	Late stage development of the tooth
4)	-	Parathyroid gland

**Задание №194**

Which of the following numbers correspond to the pulp of the enamel organ?



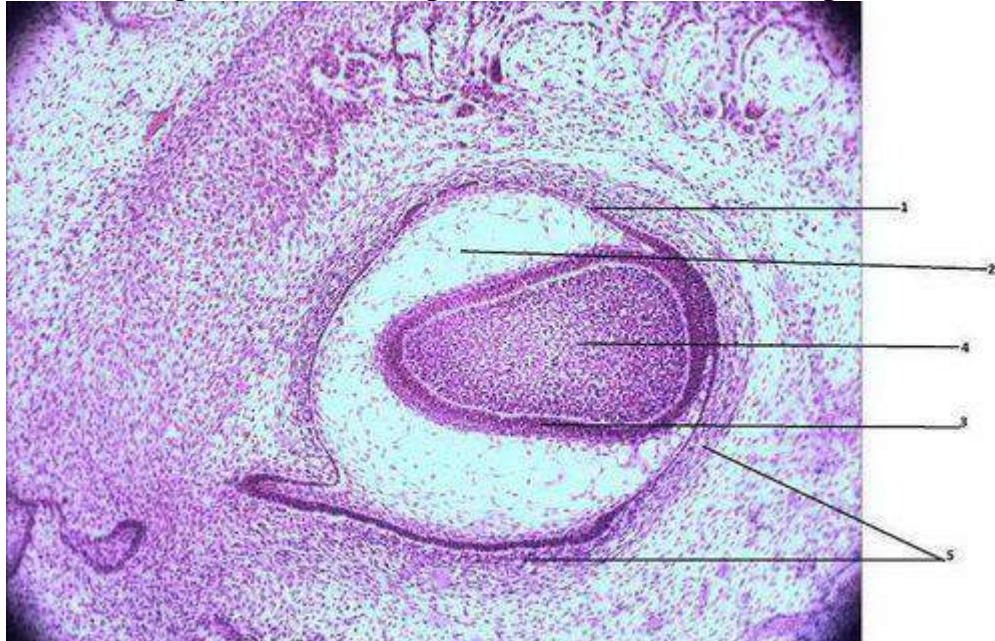
Выберите один из 4 вариантов ответа:

1)	+	2
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2)	-	1
3)	-	3
4)	-	4

**Задание №195**

Which of the following numbers correspond to the inner enamel epithelium?

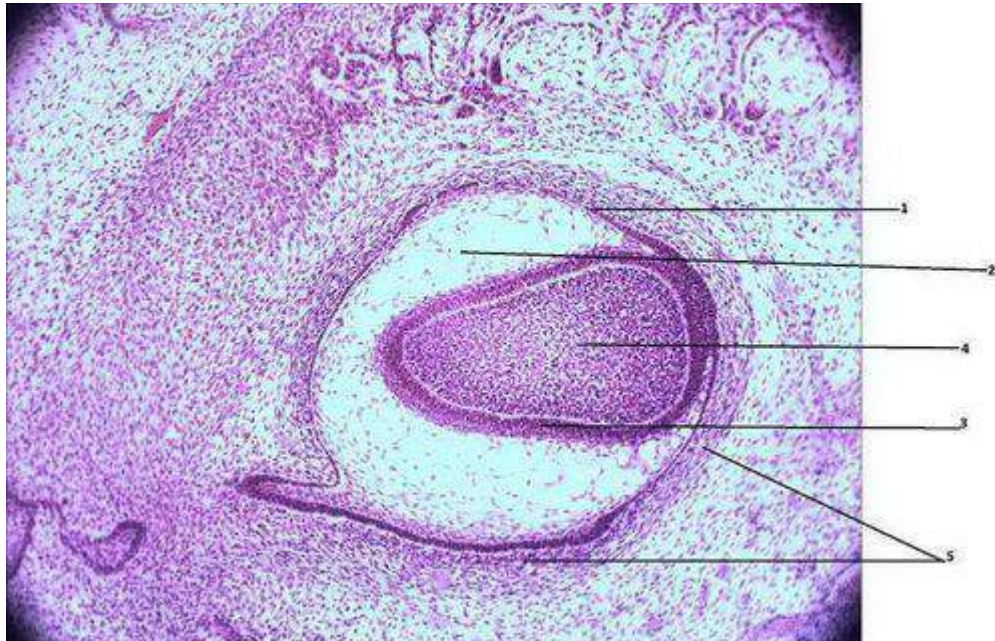


Выберите один из 4 вариантов ответа:

1)	+	3
2)	-	1
3)	-	2
4)	-	4

**Задание №196**

Which of the following numbers correspond to the external enamel epithelium?

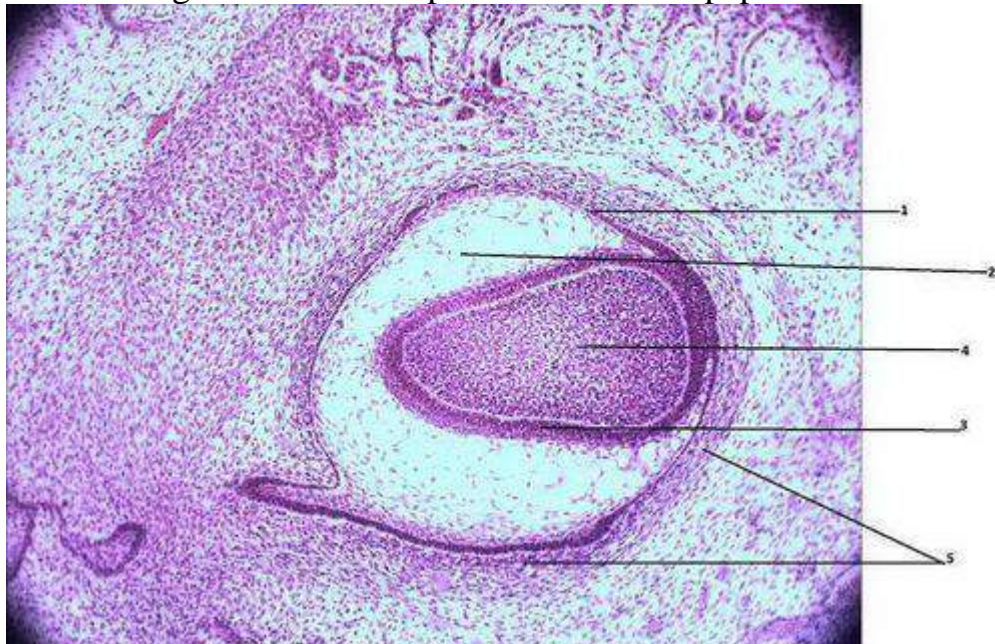


Выберите один из 4 вариантов ответа:

1)	+	1
2)	-	3
3)	-	2
4)	-	4

**Задание №197**

Which of the following numbers correspond to the dental papilla?



Выберите один из 4 вариантов ответа:

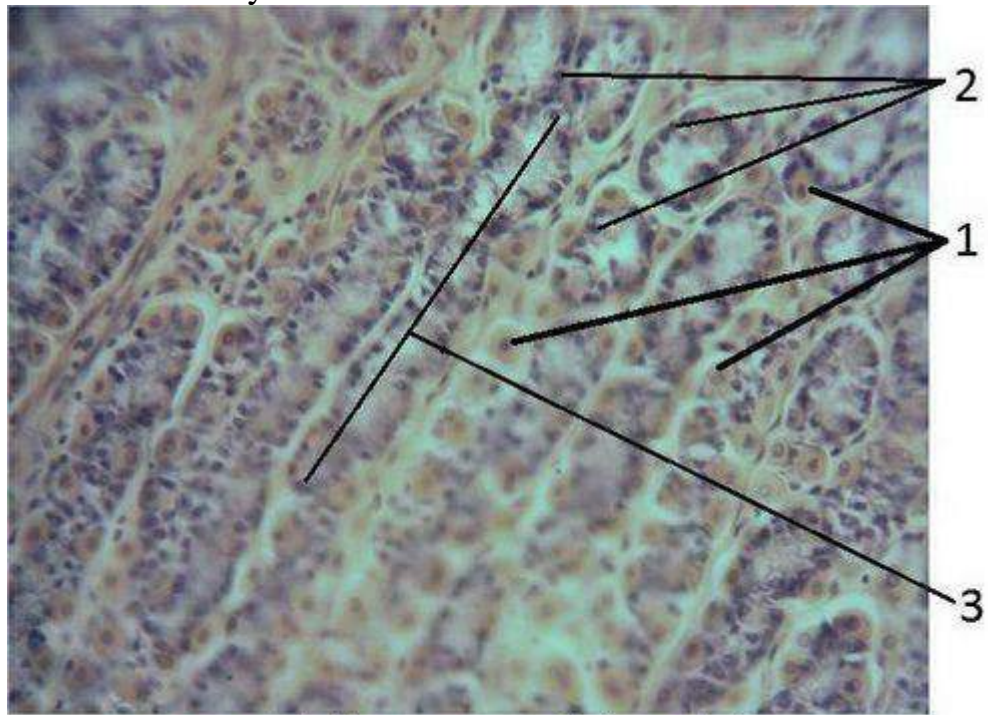
1)	+	4
2)	-	1
3)	-	2



4) - 3

**Задание №198**

What structure is marked by number 1?



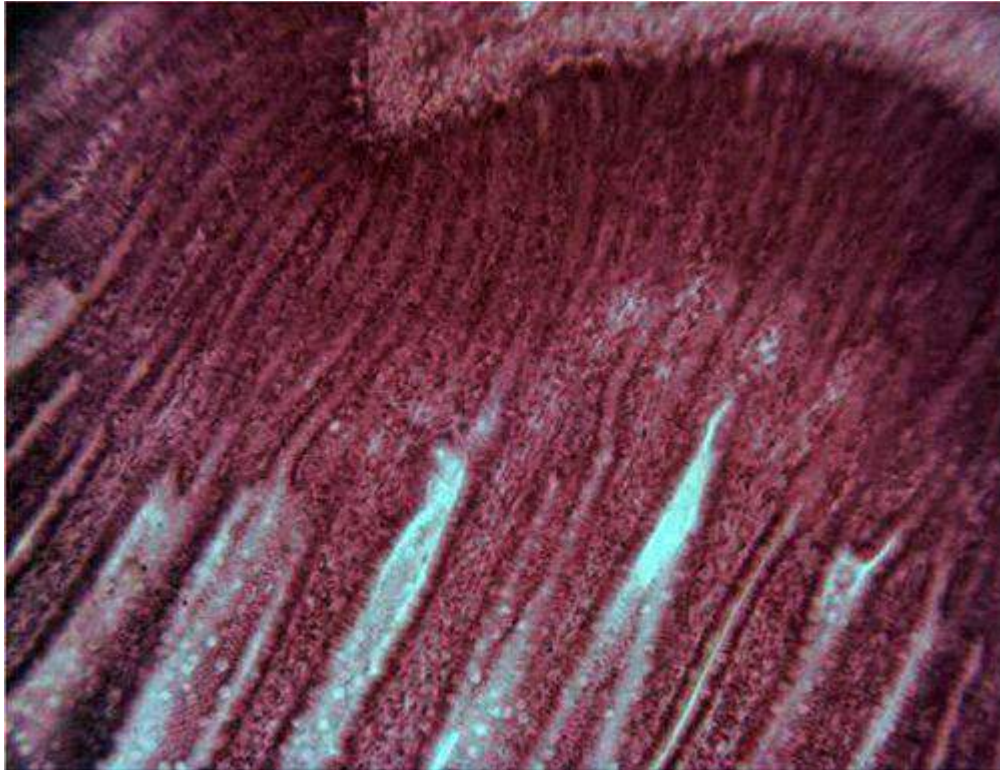
**Part of the stomach (Body)**

Выберите один из 4 вариантов ответа:

1)	+	Parietal cells
2)	-	Mucous cells
3)	-	Chief cells
4)	-	Fibroblast

**Задание №199**

Name this slide:

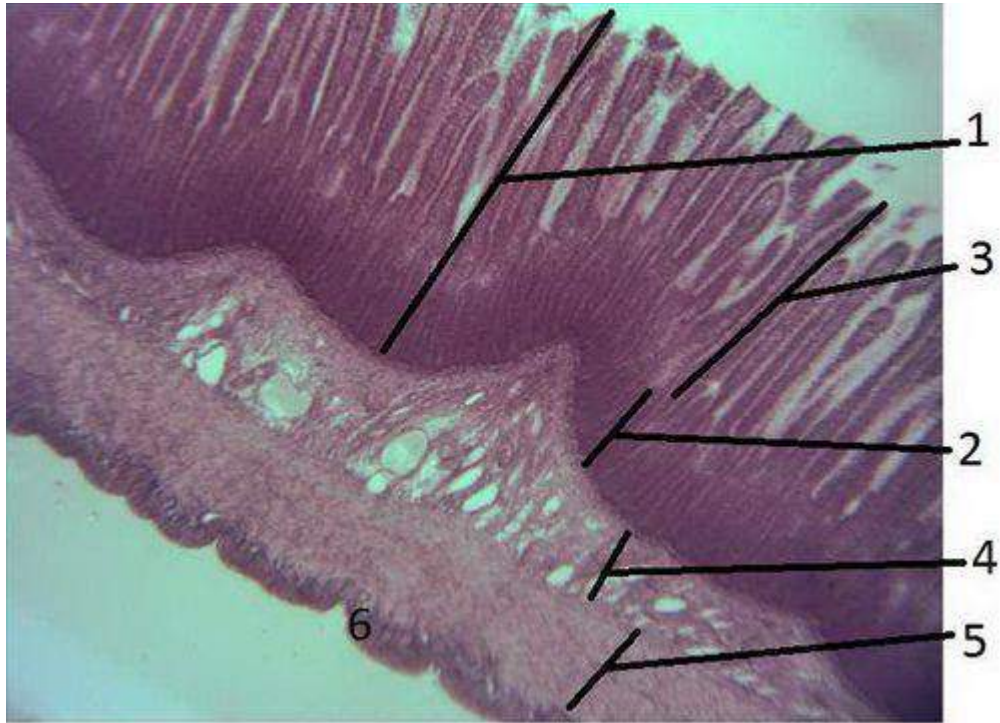


Выберите один из 4 вариантов ответа:

1)	+	Jejunum
2)	-	Fundus region of stomach
3)	-	Duodenum
4)	-	Large intestine

**Задание №200**

What structure is marked by number 3?

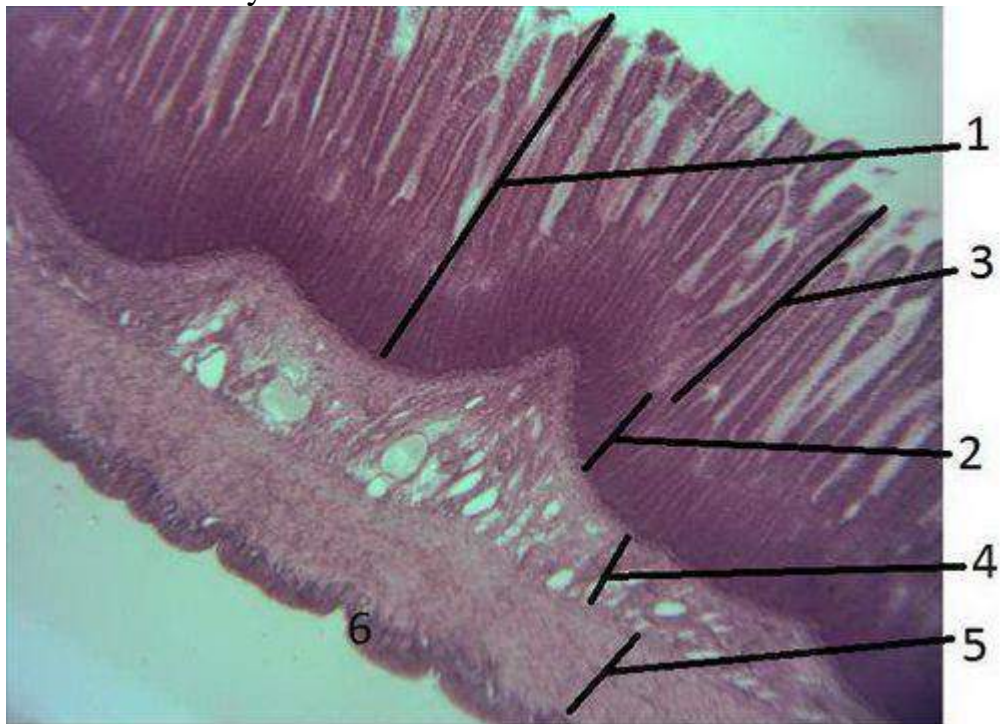


Выберите один из 4 вариантов ответа:

1)	+	Villus of jejunum
2)	-	Crypt of jejunum
3)	-	Villus of duodenum
4)	-	Villus of large intestine

**Задание №201**

What structure is marked by number 1?



Выберите один из 4 вариантов ответа:

1)	+	Mucosa of jejunum
2)	-	Mucosa of fundus region of stomach
3)	-	Mucosa of duodenum
4)	-	Mucosa of large intestine

**Задание №202**

What structure is marked by number 2?

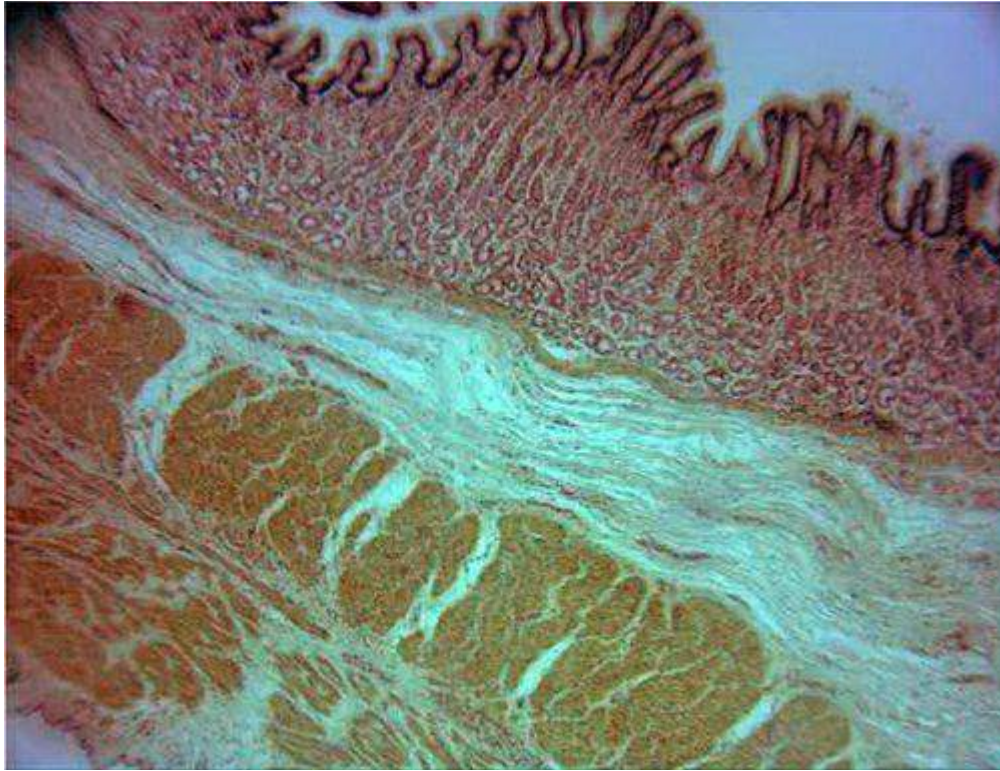


Выберите один из 4 вариантов ответа:

1)	+	Crypt of jejunum
2)	-	Villus of jejunum
3)	-	Crypt of duodenum
4)	-	Crypt of large intestine

**Задание №203**

Name this slide:

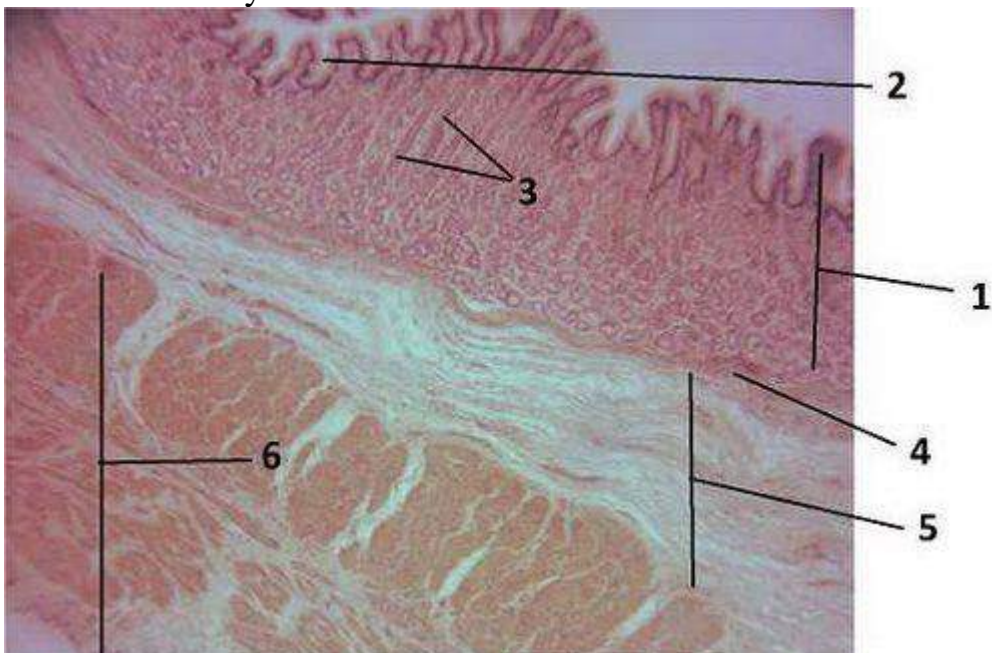


Выберите один из 4 вариантов ответа:

1)	+	Fundus region of stomach
2)	-	Pyloric region of stomach
3)	-	Duodenum
4)	-	Large intestine

**Задание №204**

What structure is marked by number 1?

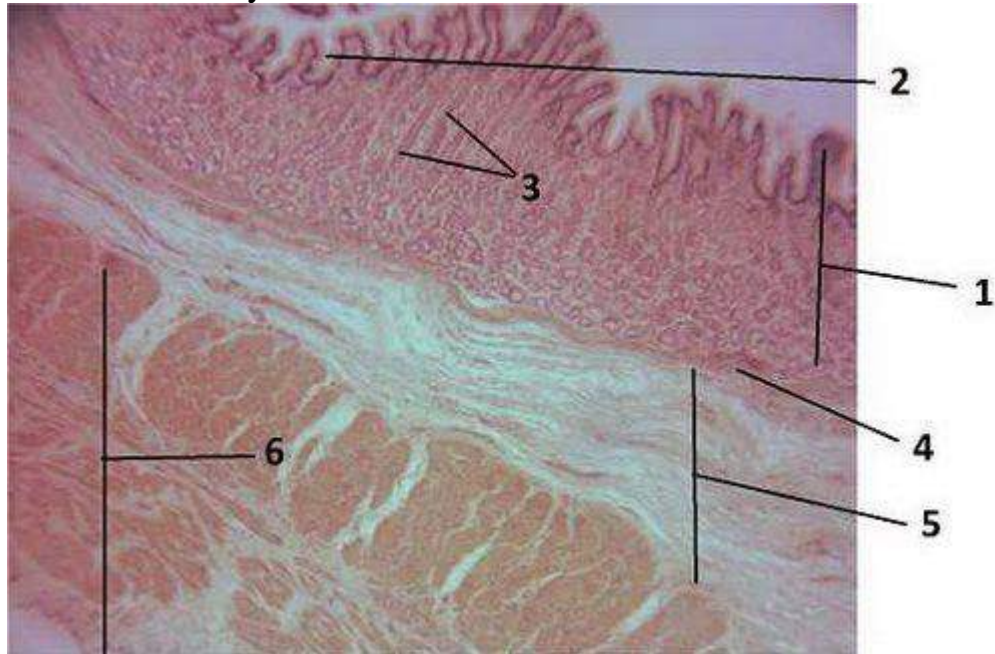


Выберите один из 4 вариантов ответа:

1)	+	Mucosa of fundus region of stomach
2)	-	Mucosa of pyloric region of stomach
3)	-	Mucosa of duodenum
4)	-	Mucosa of large intestine

**Задание №205**

What structure is marked by number 5?

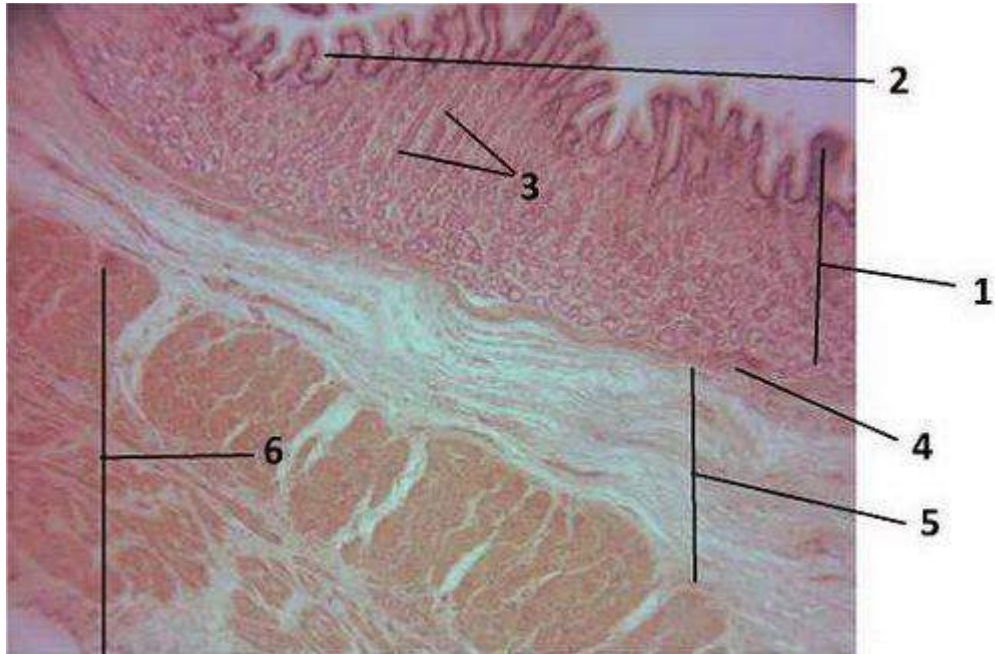


Выберите один из 4 вариантов ответа:

1)	+	Submucosa of fundus region of stomach
2)	-	Submucosa of pyloric region of stomach
3)	-	Submucosa of duodenum
4)	-	Submucosa of large intestine

**Задание №206**

What structure is marked by number 3?

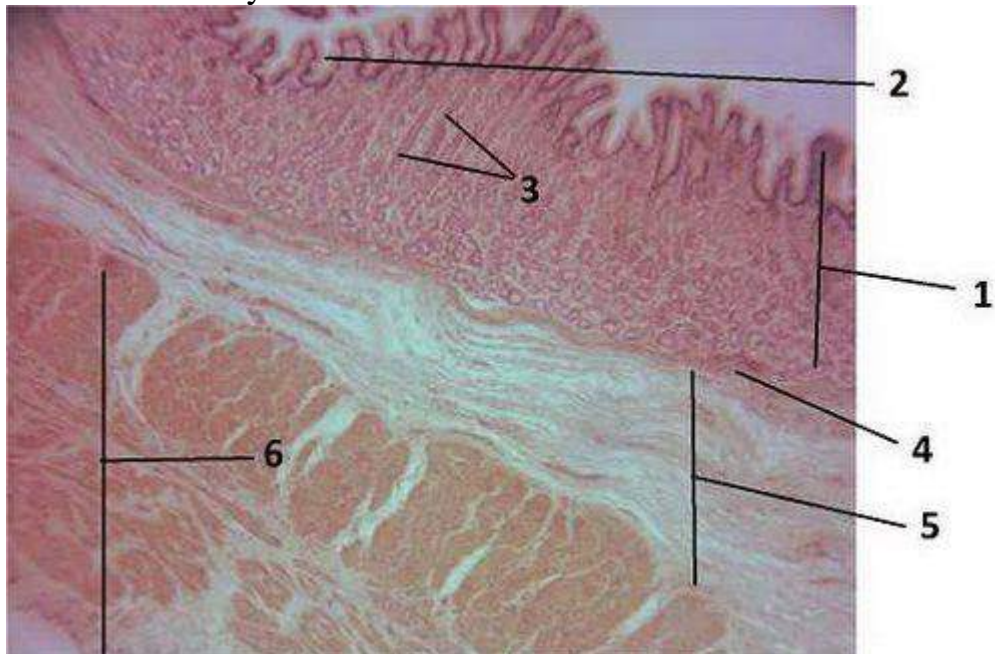


Выберите один из 4 вариантов ответа:

1)	+	Fundus glands of the stomach
2)	-	Pyloric glands of the stomach
3)	-	Duodenum glands
4)	-	Large intestine glands

#### Задание №207

What structure is marked by number 2?



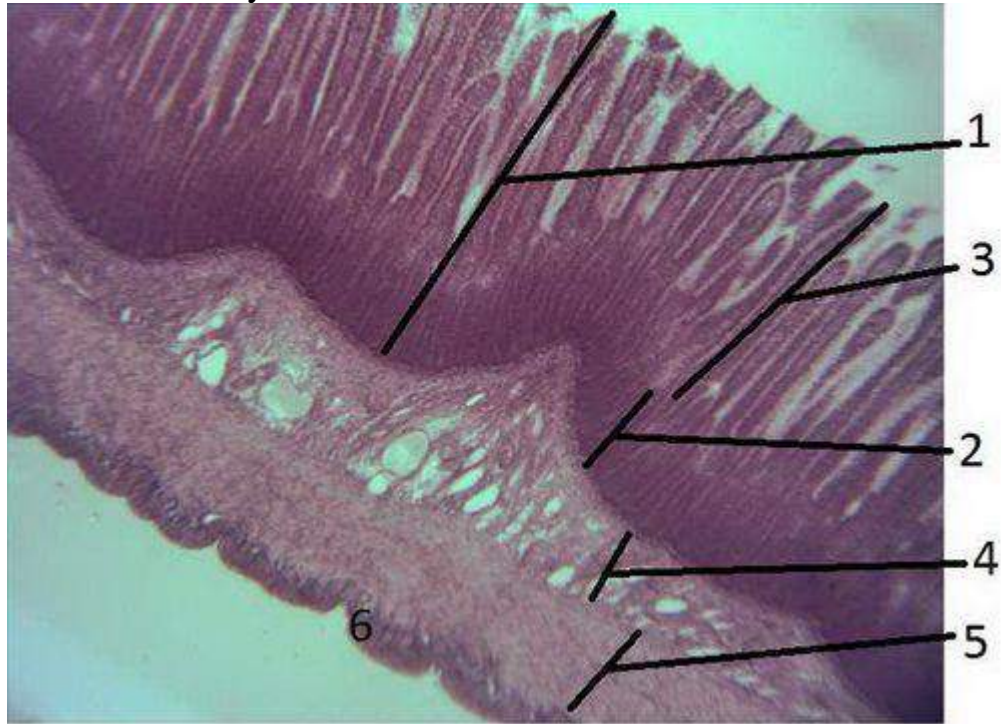
Выберите один из 4 вариантов ответа:

1)	+	Gastric pits of fundus region of stomach
2)	-	Gastric pits of pyloric region of stomach

3)	-	Crypt of jejunum
4)	-	Crypt of large intestine

**Задание №208**

What structure is marked by number 4?



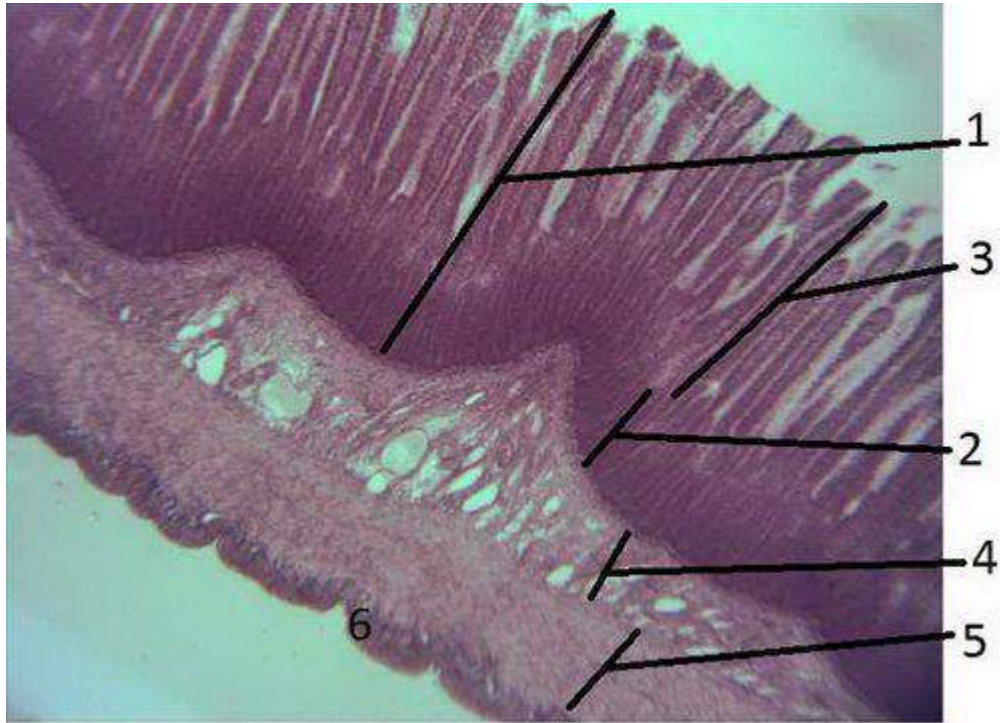
Выберите один из 4 вариантов ответа:

1)	+	Submucosa of jejunum
2)	-	Submucosa of pyloric region of stomach
3)	-	Submucosa of duodenum
4)	-	Submucosa of large intestine

**Задание №209**

What structure is marked by number 5?



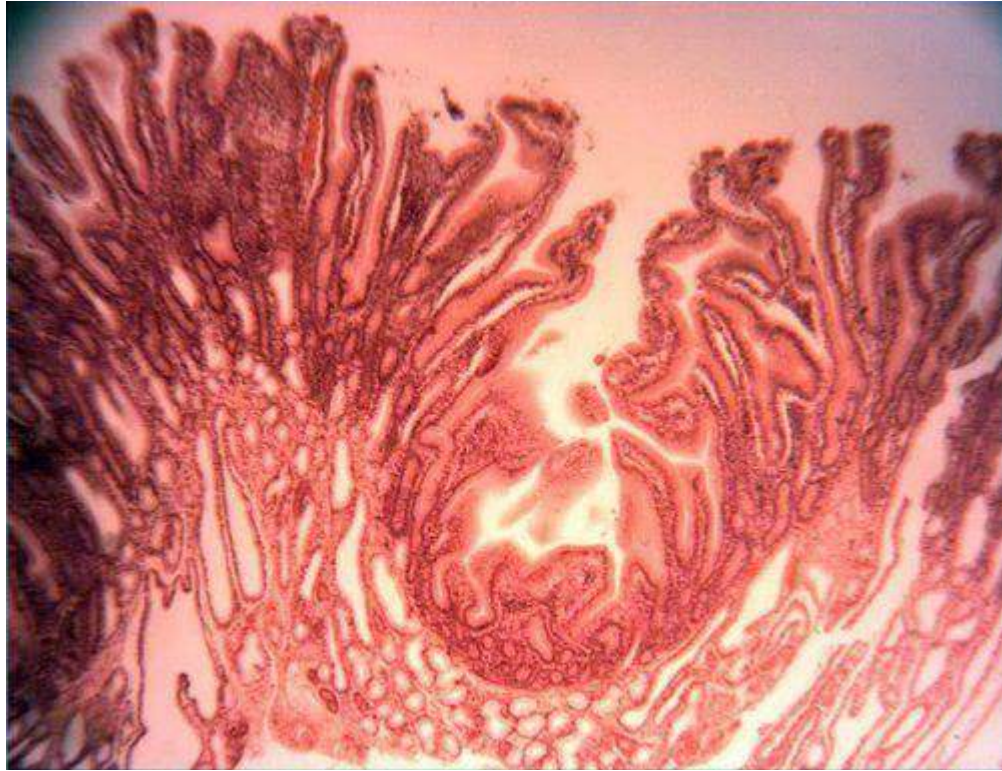


Выберите один из 4 вариантов ответа:

1)	+	Muscular tunic of jejunum
2)	-	Muscular tunic of pyloric region of stomach
3)	-	Muscular tunic of duodenum
4)	-	Submucosa of jejunum

**Задание №210**

Name this slide:



Выберите один из 4 вариантов ответа:

1)	+	Duodenum
2)	-	Jejunum
3)	-	Fundus region of stomach
4)	-	Large intestine

**Задание №211**

Name this slide:



Выберите один из 4 вариантов ответа:

1)	+	Ovary
2)	-	Uterus
3)	-	Prostate gland
4)	-	Testis

**Задание №212**

What structure is marked by number 1?



**Ovary**

Выберите один из 4 вариантов ответа:

1)	+	Tunica albuginea
2)	-	Germinal epithelium
3)	-	Medullary substance
4)	-	Layer of follicular cells

**Задание №213**

What structure is marked by number 2?



**Ovary**

Выберите один из 4 вариантов ответа:

1)	+	Germinal epithelium
2)	-	Tunica albuginea
3)	-	Medullary substance
4)	-	Layer of follicular cells

**Задание №214**

What structure is marked by number 3?



**Ovary**

Выберите один из 4 вариантов ответа:

1)	+	Primordial follicles
2)	-	Tunica albuginea
3)	-	Medullary substance
4)	-	Layer of follicular cells

**Задание №215**

What structure is marked by number 4?



**Ovary**

Выберите один из 4 вариантов ответа:

1)	+	Follicular cells of a primary and small growing follicle
2)	-	Tunica albuginea
3)	-	Medullary substance
4)	-	Layer of follicular cells

**Задание №216**

What structure is marked by number 5?



**Ovary**

Выберите один из 4 вариантов ответа:

1)	+	Antrum
2)	-	Tunica albuginea
3)	-	Medullary substance
4)	-	Layer of follicular cells

**Задание №217**

What structure is marked by number 6?





**Ovary**

Выберите один из 4 вариантов ответа:

1)	+	Atretic follicle
2)	-	Yellow body
3)	-	Secondary follicle
4)	-	Antrum

**Задание №218**

What structure is marked by number 7?



**Ovary**

Выберите один из 4 вариантов ответа:

1)	+	Oocyte
2)	-	Yellow body
3)	-	Secondary follicle
4)	-	Antrum

**Задание №219**

What structure is marked by number 8?



**Ovary**

Выберите один из 4 вариантов ответа:

1)	+	Cumulus oophorus
2)	-	Yellow body
3)	-	Secondary follicle
4)	-	Antrum

**Задание №220**

Name this slide:

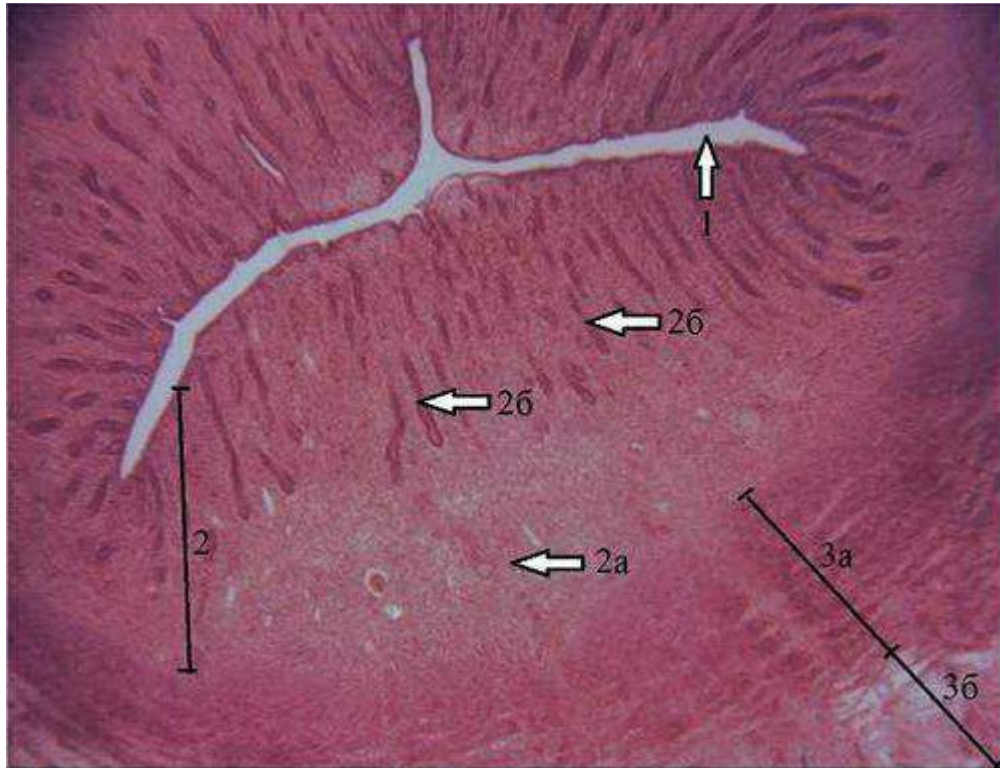


Выберите один из 4 вариантов ответа:

1)	<input checked="" type="checkbox"/>	Uterus
2)	<input type="checkbox"/>	Ovary
3)	<input type="checkbox"/>	Prostate gland
4)	<input type="checkbox"/>	Testis

**Задание №221**

What structure is marked by number 1?

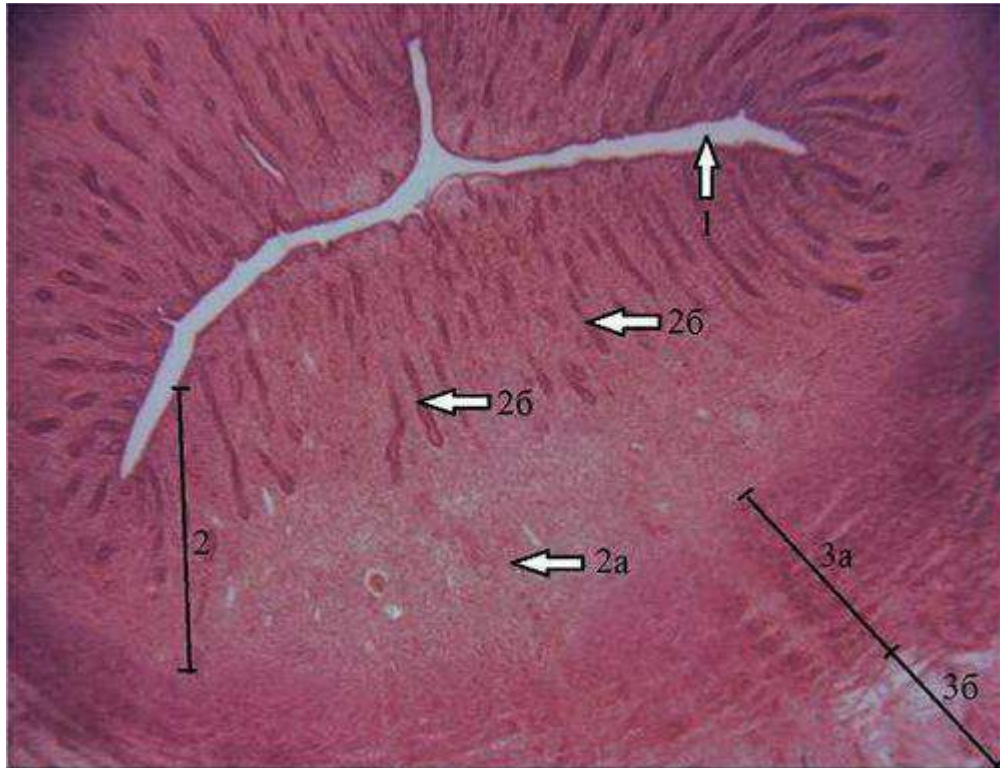


Выберите один из 4 вариантов ответа:

1)	+	Lumen of the uterus
2)	-	Lumen of the ureter
3)	-	Lumen of the trachea
4)	-	Lumen of the esophagus

**Задание №222**

What structure is marked by number 2?

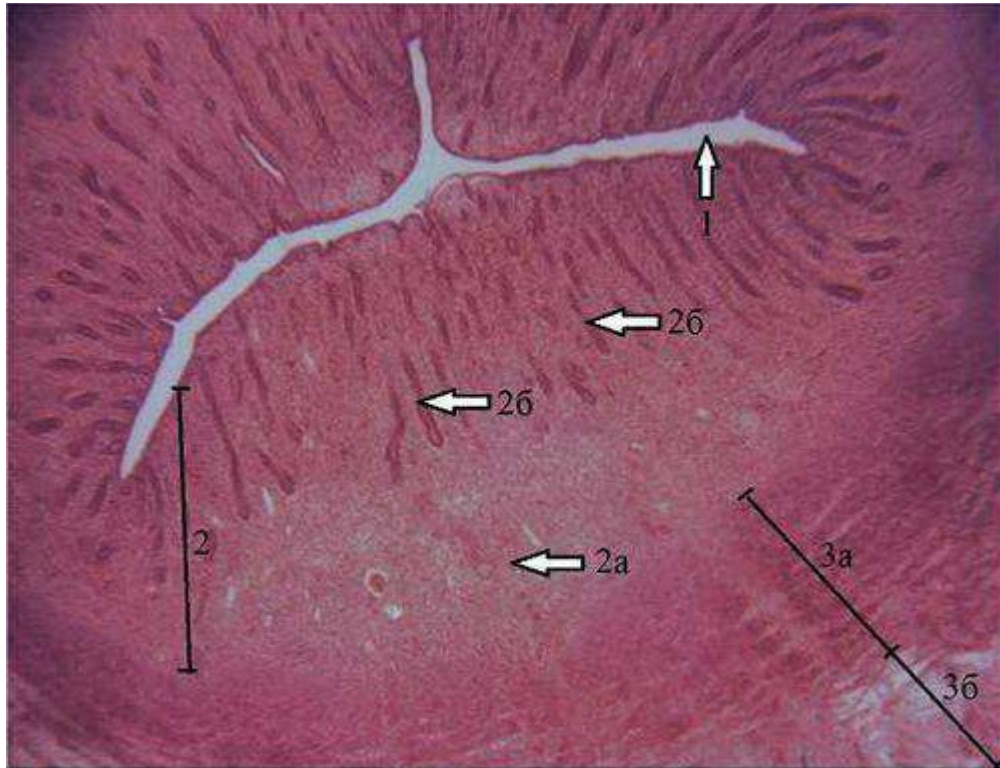


Выберите один из 4 вариантов ответа:

1)	+	Endometrium
2)	-	Myometrium
3)	-	Prostate gland
4)	-	Cumulus oophorus

**Задание №223**

What structure is marked by number 2a?

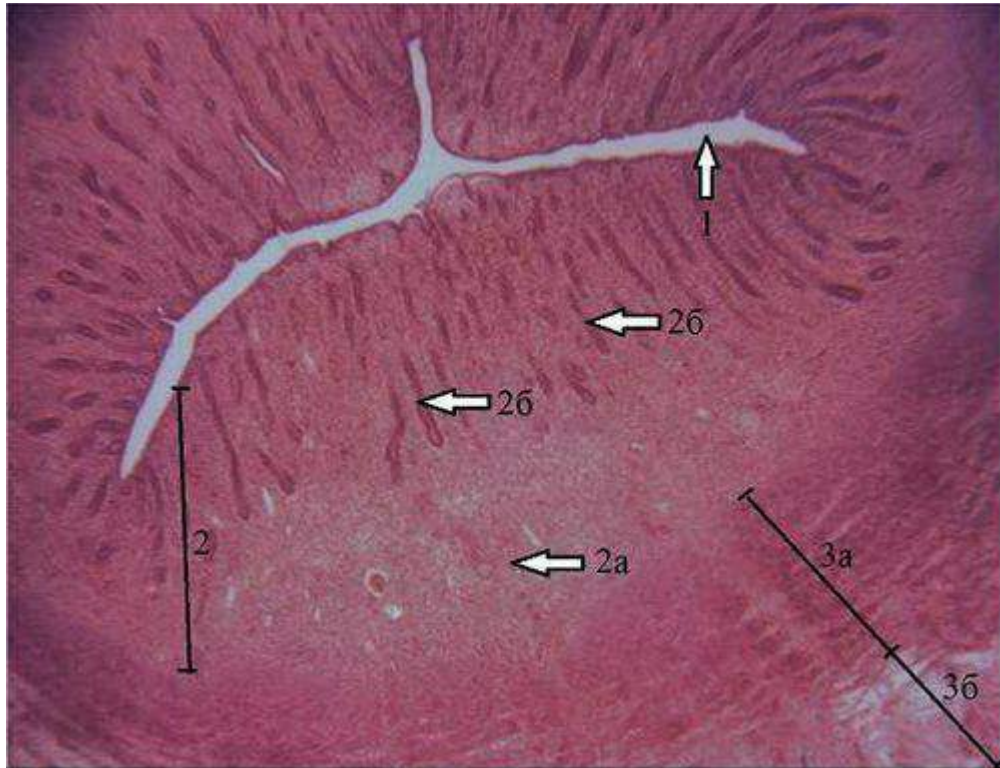


Выберите один из 4 вариантов ответа:

1)	+	Lamina propria
2)	-	Simple columnar epithelium
3)	-	Uterine glands
4)	-	Myometrium

#### Задание №224

What structure is marked by number 2b?



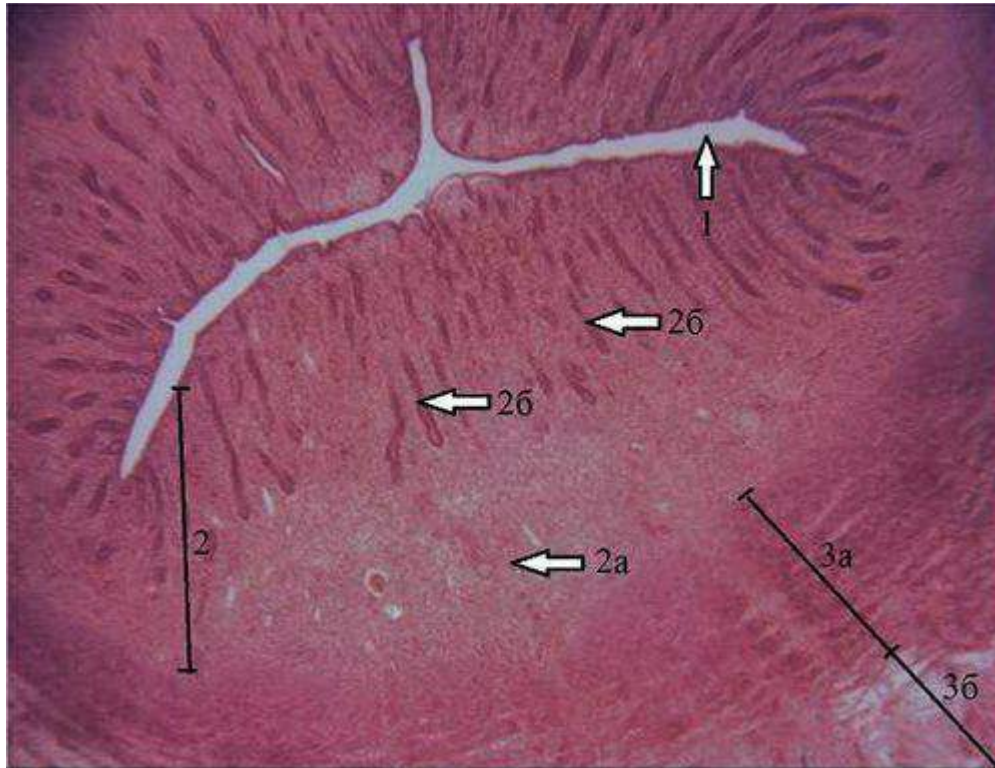
Выберите один из 4 вариантов ответа:

1)	+	Glands of the Uterus
2)	-	Simple columnar epithelium
3)	-	Lamina propria
4)	-	Myoterium

**Задание №225**

What structure is marked by number 3a?



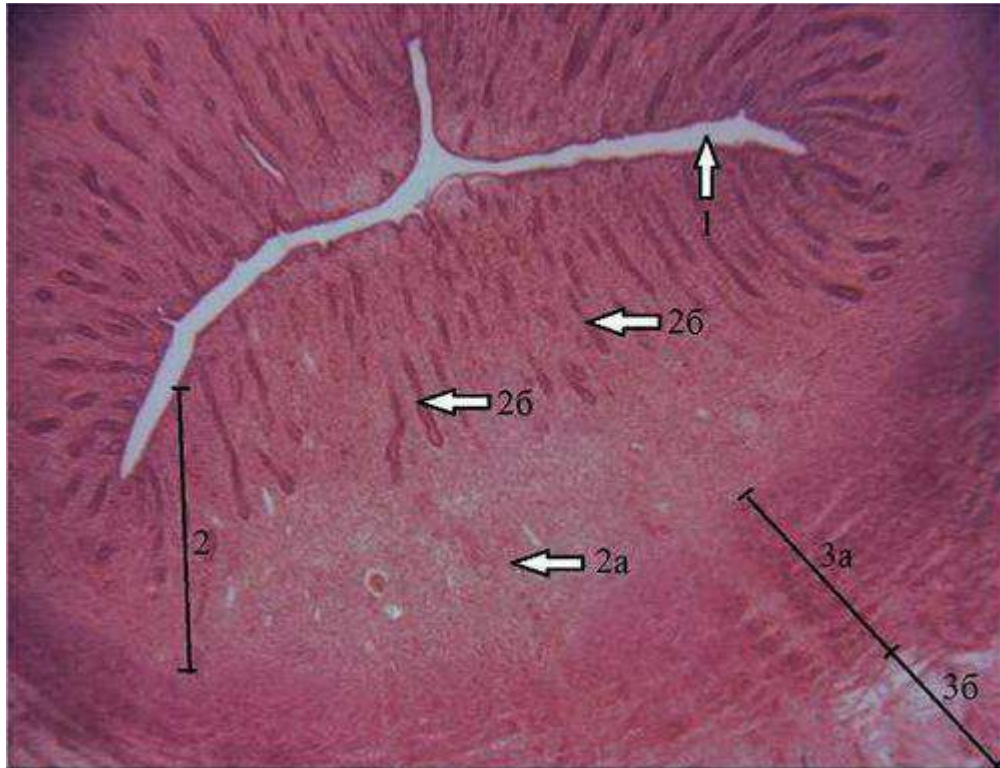


Выберите один из 4 вариантов ответа:

1)	+	Inner submucous of myometrium
2)	-	Vasculare layer of myometrium
3)	-	Lamina propria
4)	-	Supravascular layer of myometrium

**Задание №226**

What structure is marked by number 3b?

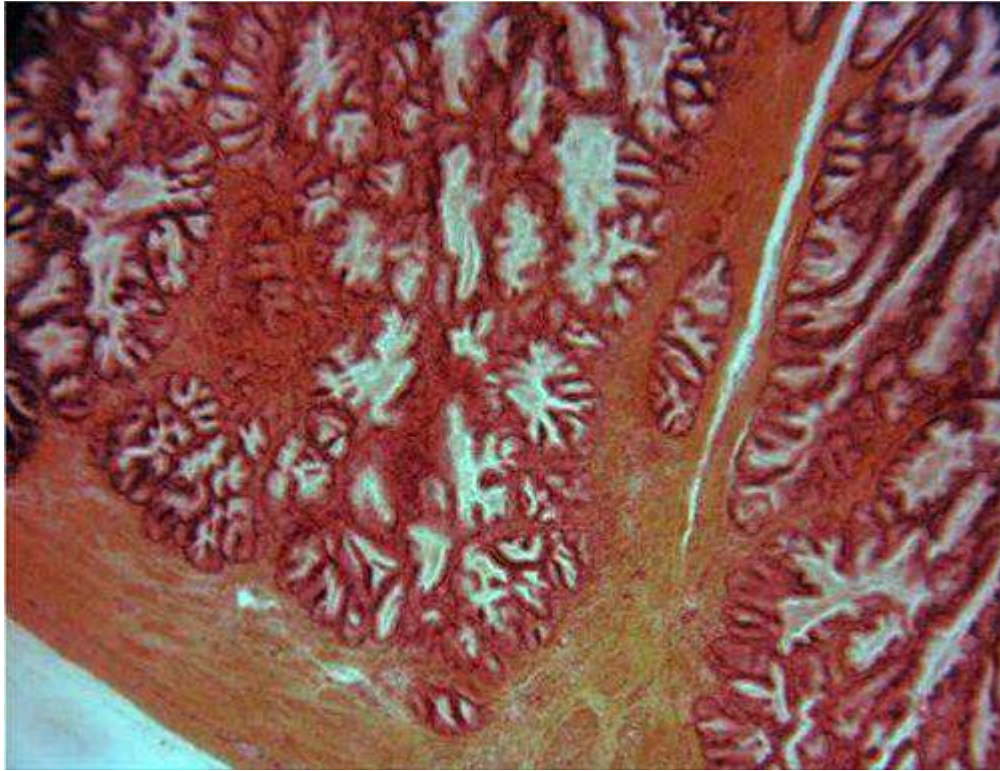


Выберите один из 4 вариантов ответа:

1)	+	Vasculare layer of myometrium
2)	-	Lamina propria
3)	-	Supravascular layer of myometrium
4)	-	Inner submucous of myometrium

**Задание №227**

Name this slide:



Выберите один из 4 вариантов ответа:

1)	+	Prostate gland
2)	-	Ovary
3)	-	Lung
4)	-	Testis

**Задание №228**

What structure is marked by number 1?



Выберите один из 4 вариантов ответа:

1)	+	Fibromuscular stroma of the prostate gland
2)	-	Fibromuscular stroma of the ureter
3)	-	Fibromuscular stroma of the trachea
4)	-	Fibromuscular stroma of the esophagus

**Задание №229**

What structure is marked by number 2?



Выберите один из 4 вариантов ответа:

1)	+	Secretory part of the prostatic glandules
2)	-	Prostatic urethra
3)	-	Secretory part glands of the trachea
4)	-	Secretory part glands of the esophagus

**Задание №230**

Name this slide:

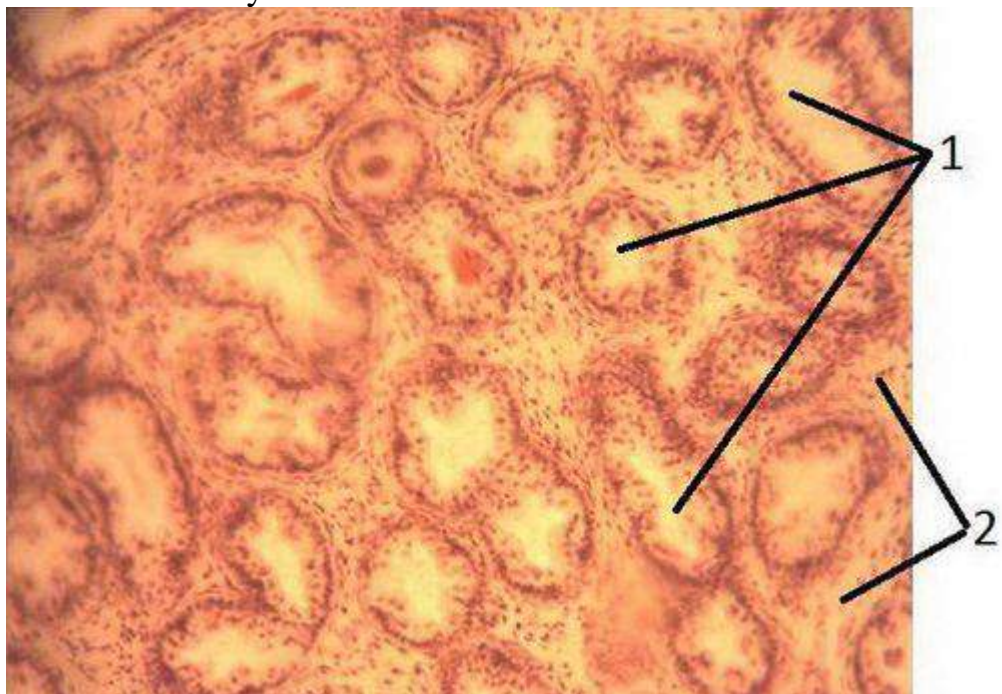


Выберите один из 4 вариантов ответа:

1)	+	Epididymis
2)	-	Ovary
3)	-	Prostate gland
4)	-	Testis

**Задание №231**

What structure is marked by number 1?



Выберите один из 4 вариантов ответа:

1)	+	Ductuli efferentes of the epididymis
2)	-	Ductulus epididymis
3)	-	Secretory part of the prostatic glandules
4)	-	Prostatic urethra

**Задание №232**

What structure is marked by number 2?

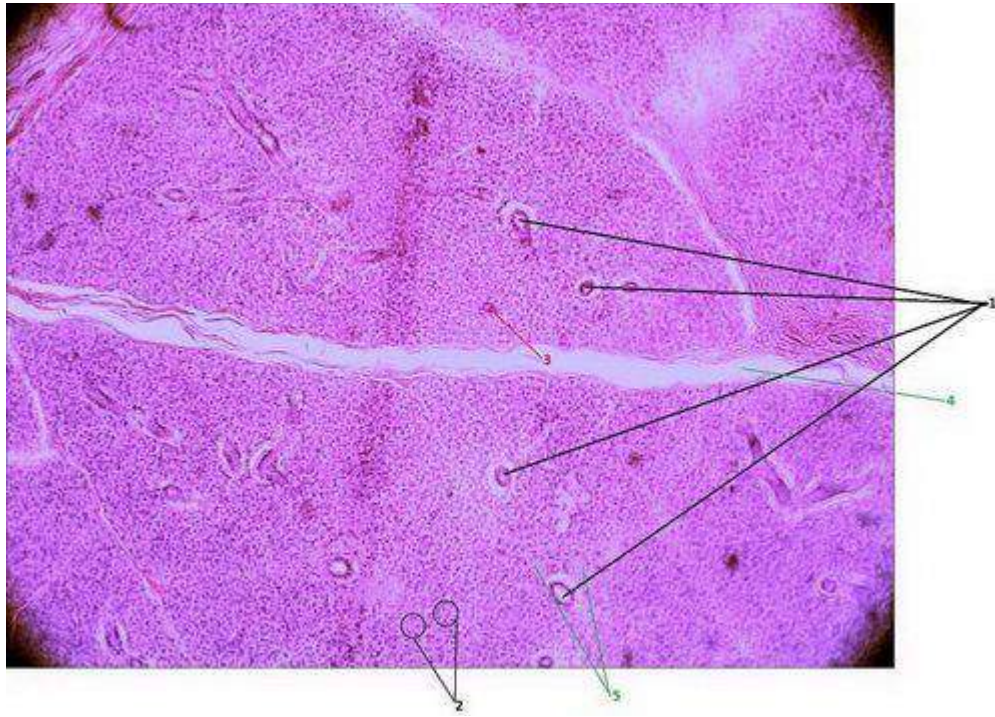


Выберите один из 4 вариантов ответа:

1)	+	Stroma of epididymis
2)	-	Stroma of the ovary
3)	-	Stroma of the testis
4)	-	Stroma of the prostate gland

**Задание №233**

What structure is marked by number 2?

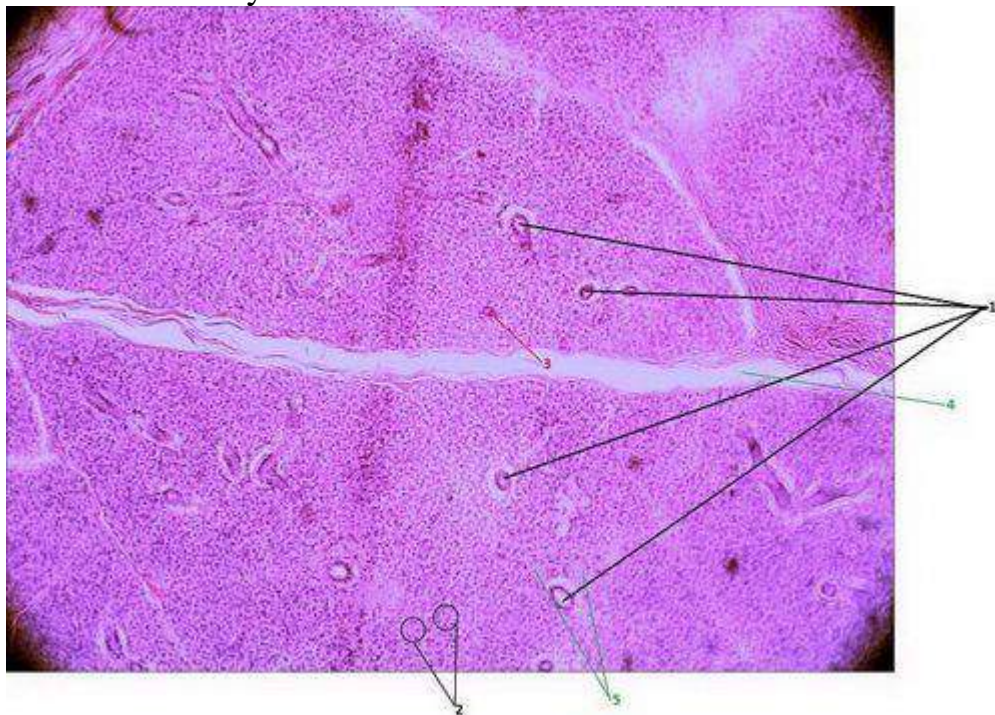


Выберите один из 4 вариантов ответа:

1)	+	Serous acinus
2)	-	Mucous acinus
3)	-	Striated duct
4)	-	Intercalated duct

**Задание №234**

What structure is marked by number 1?



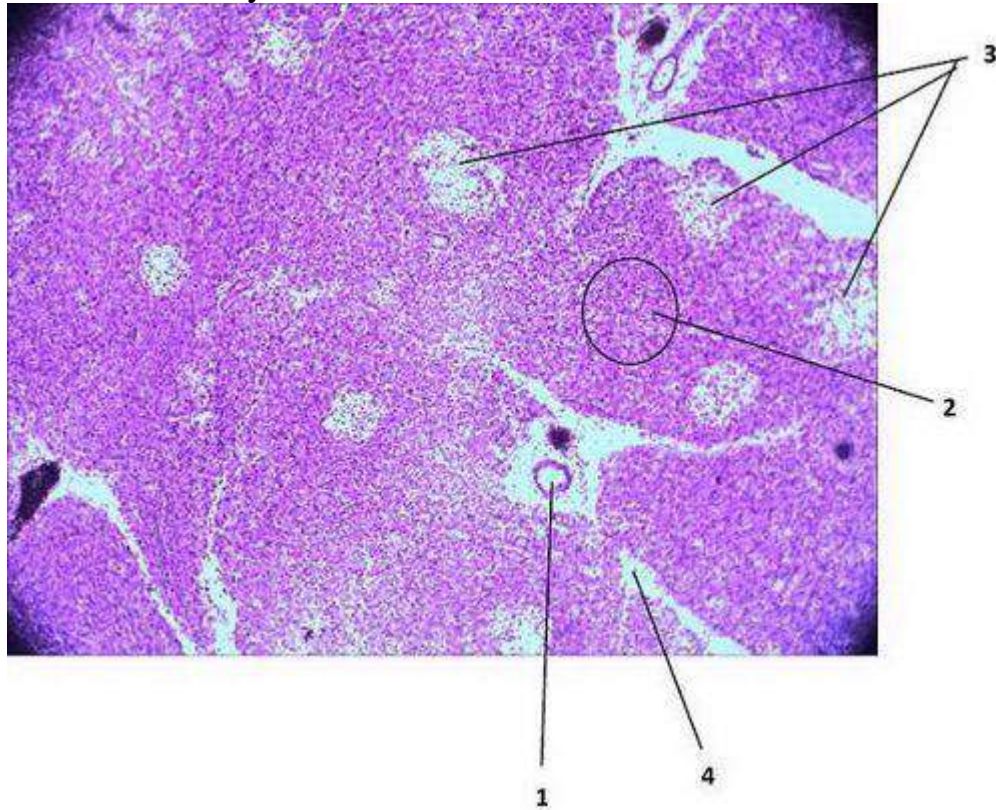
Выберите один из 4 вариантов ответа:



1)	+	Striated duct
2)	-	Mucous acinus
3)	-	Serous acinus
4)	-	Intercalated duct

**Задание №235**

What structure is marked by number 3?

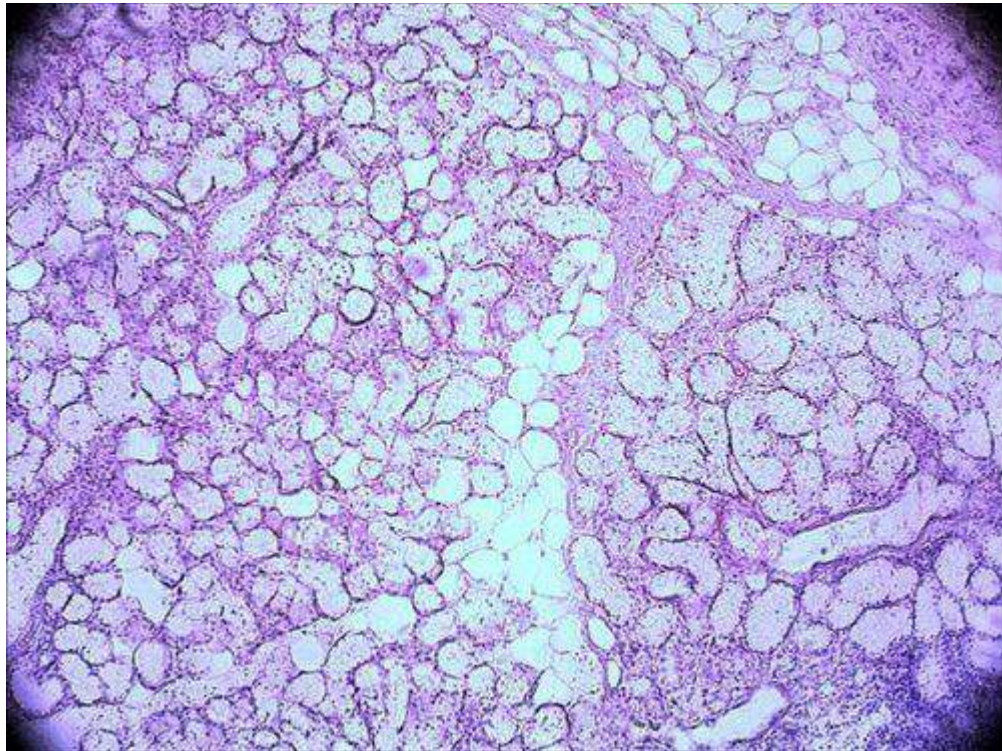


Выберите один из 4 вариантов ответа:

1)	+	Pancreas islet of Langerhans
2)	-	Mucous acinus
3)	-	Serous acinus
4)	-	Intercalated duct

**Задание №236**

Name this slide:

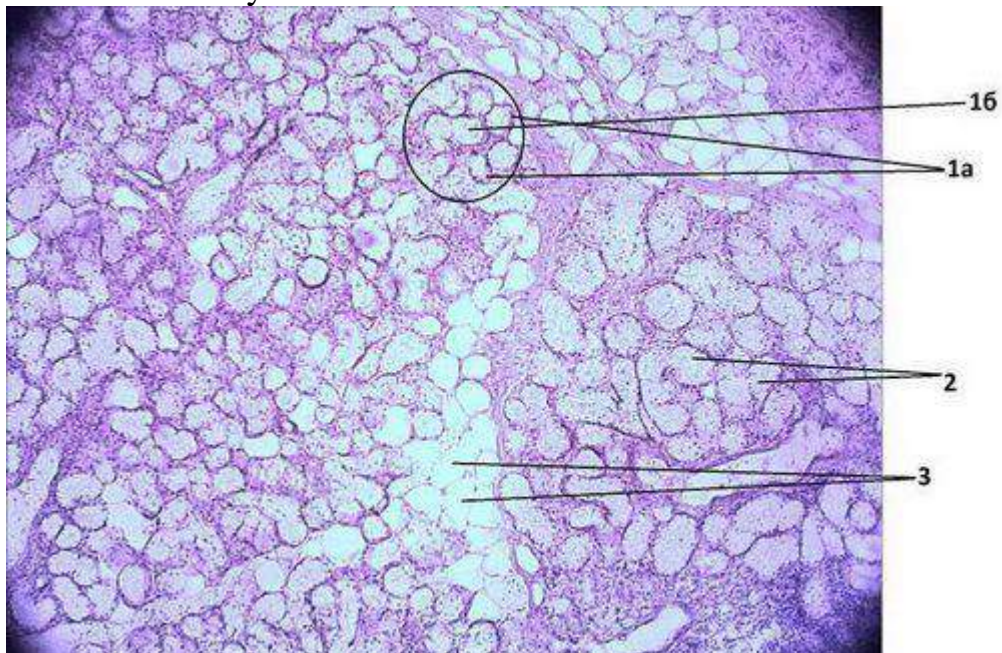


Выберите один из 4 вариантов ответа:

1)	+	Sublingual gland
2)	-	Parotid gland
3)	-	Submandibular gland
4)	-	Pancreas

**Задание №237**

What structure is marked by number 2?



Выберите один из 4 вариантов ответа:

1)	+	Mucous acinus of the sublingual gland
2)	-	Mucous acinus of the submandibular gland
3)	-	Serous acinus of the sublingual gland
4)	-	Serous acinus of the submandibular gland

**Задание №238**

Name this slide:

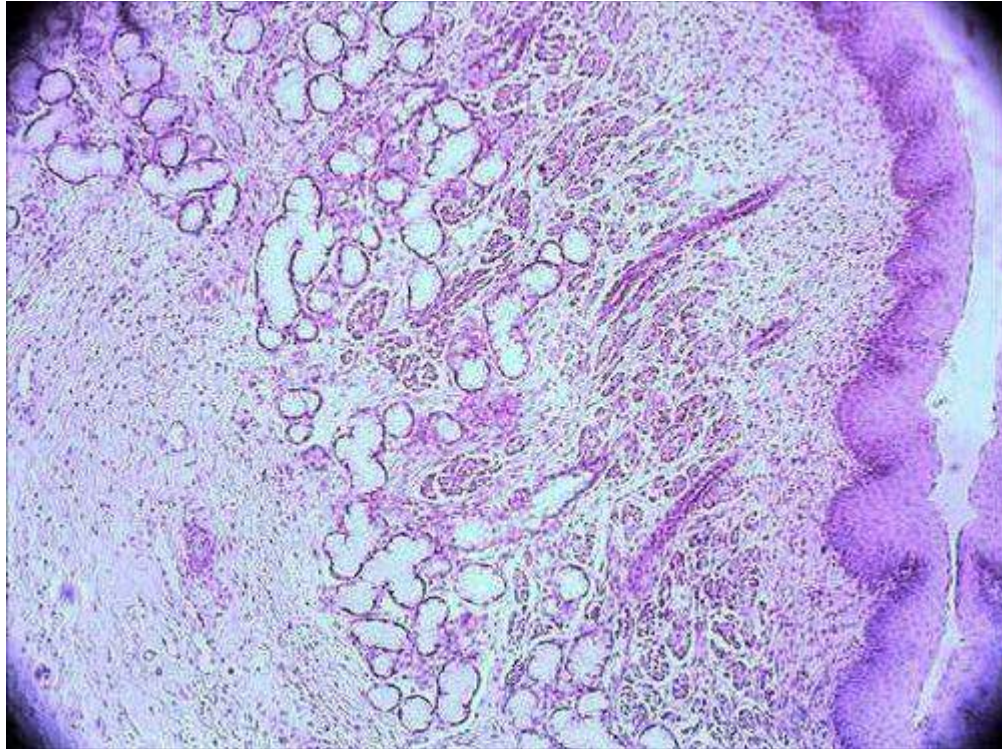


Выберите один из 4 вариантов ответа:

1)	+	Parotid gland
2)	-	Sublingual gland
3)	-	Submandibular gland
4)	-	Pancreas

**Задание №239**

Name this slide:

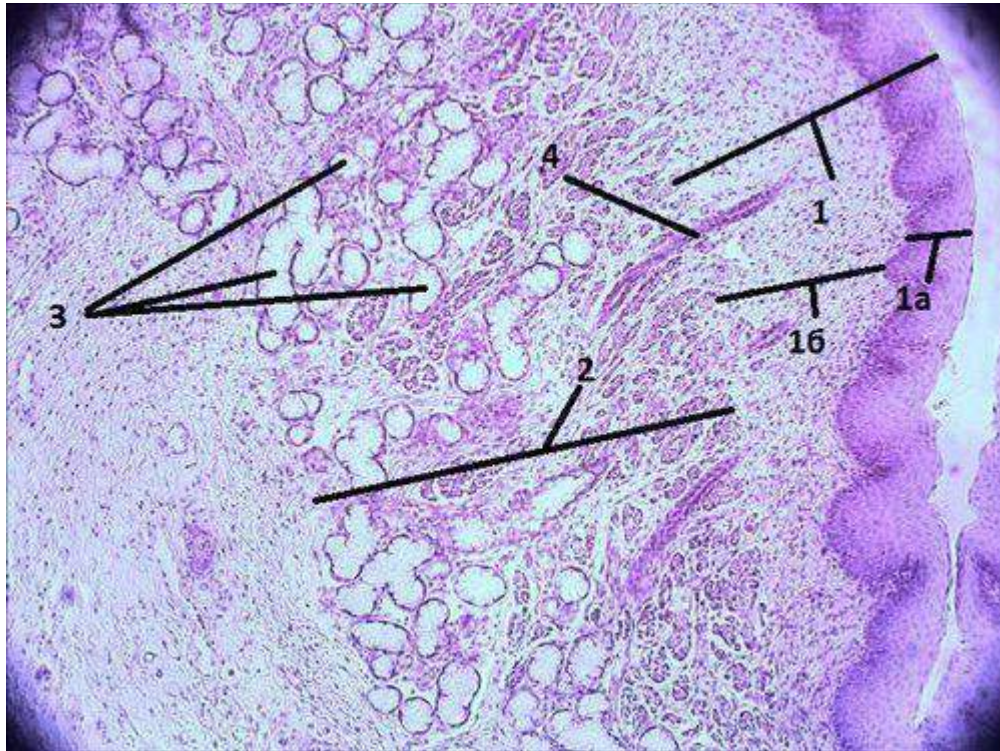


Выберите один из 4 вариантов ответа:

1)	+	Esophagus
2)	-	Lung
3)	-	Ureter
4)	-	Trachea

**Задание №240**

What structure is marked by number 3?

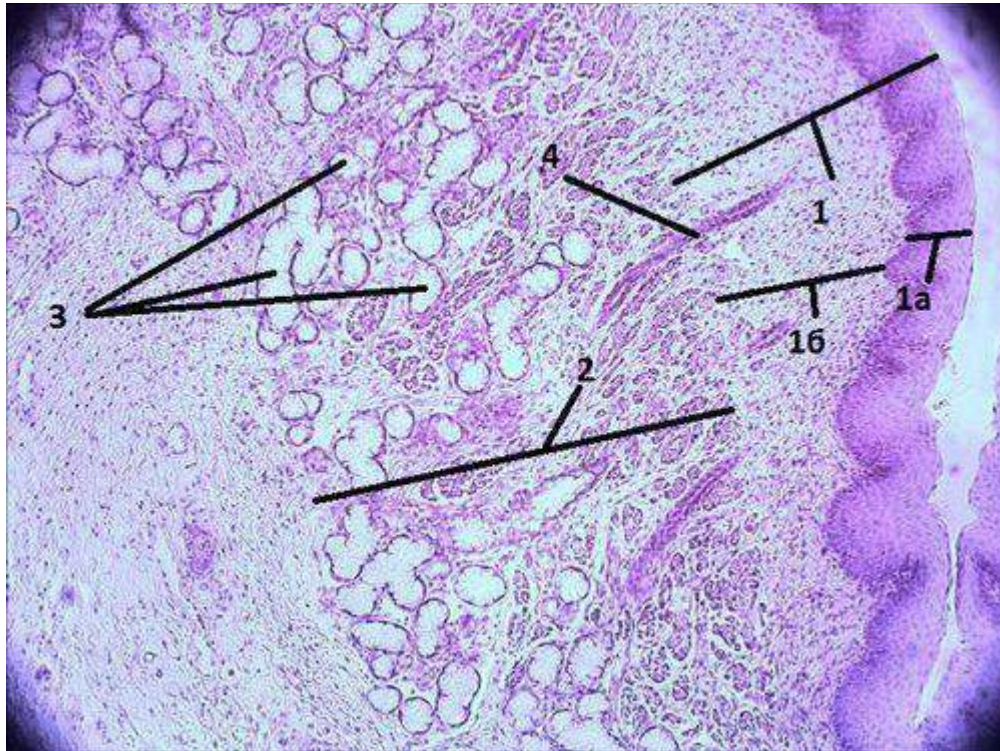


Выберите один из 4 вариантов ответа:

1)	+	Esophagus glands
2)	-	Ureter glands
3)	-	Duodenum glands
4)	-	Fundus glands of the stomach

#### Задание №241

What structure is marked by number 1?

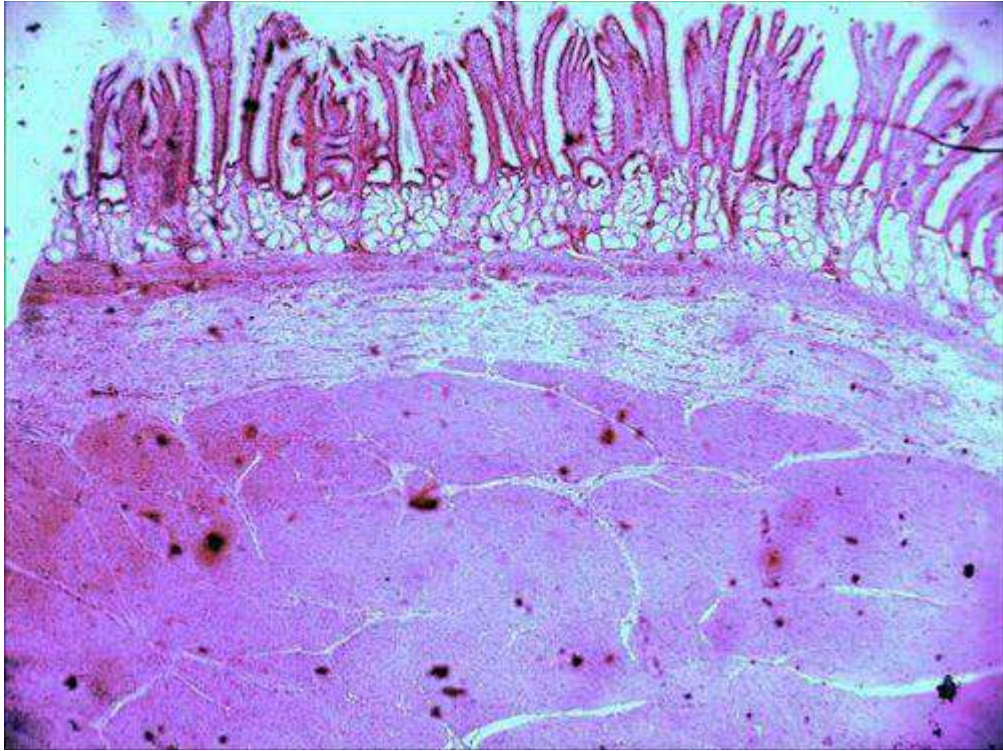


Выберите один из 4 вариантов ответа:

1)	+	Mucosa of esophagus
2)	-	Mucosa of fundus region of stomach
3)	-	Mucosa of duodenum
4)	-	Mucosa of ureter

**Задание №242**

Name this slide:

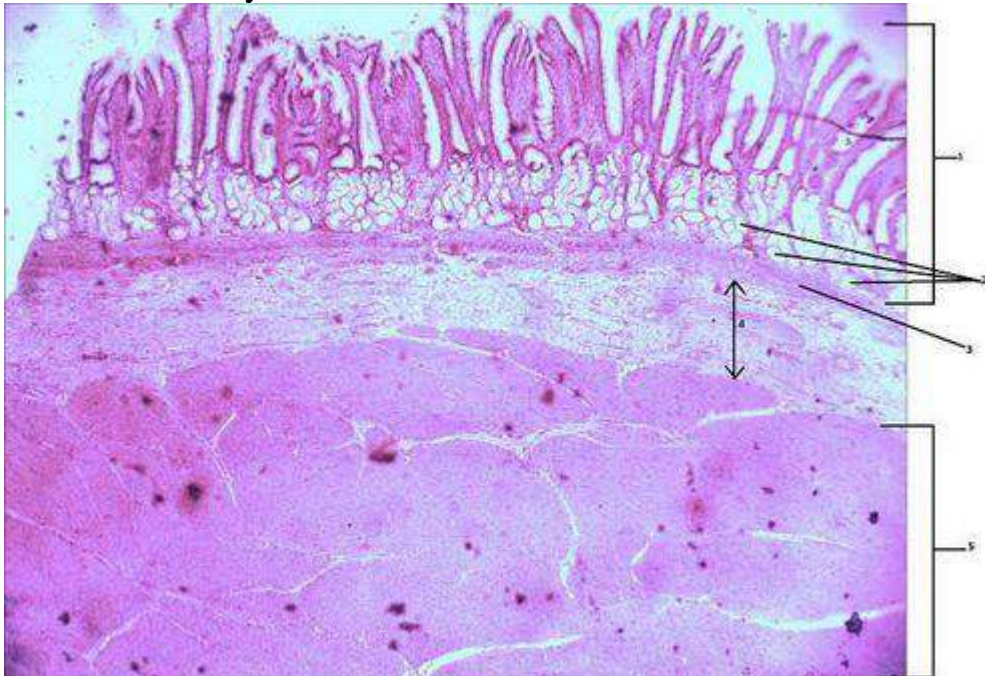


Выберите один из 4 вариантов ответа:

1)	+	Pyloric region of stomach
2)	-	Fundus region of stomach
3)	-	Duodenum
4)	-	Large intestine

**Задание №243**

What structure is marked by number 2?

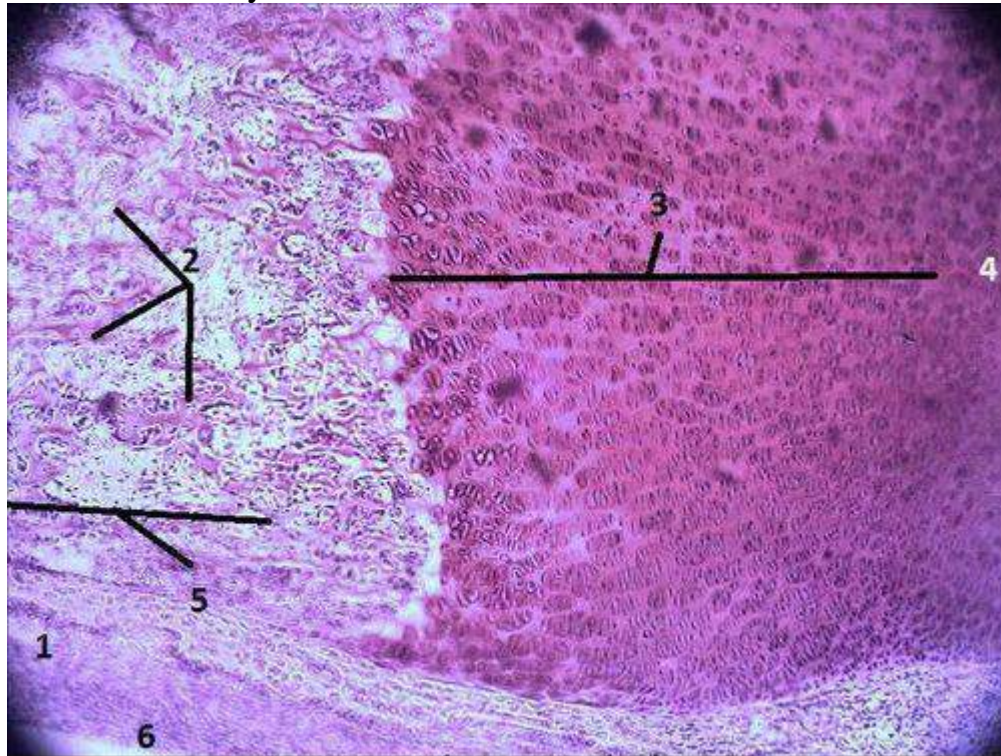


Выберите один из 4 вариантов ответа:

1)	+	Pyloric glands of the stomach
2)	-	Ureter glands
3)	-	Duodenum glands
4)	-	Fundus glands of the stomach

**Задание №244**

What structure is marked by number 3?



**Endochondral ossification (development of a long bone)**

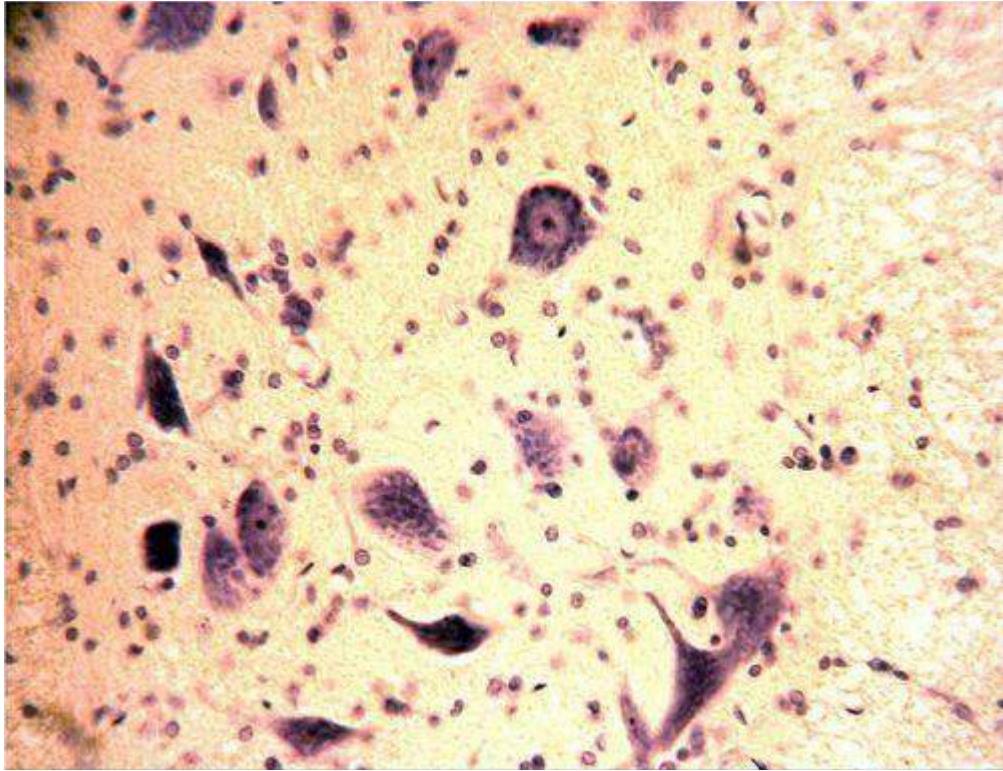
Выберите один из 4 вариантов ответа:

1)	+	Chondrocytes
2)	-	Fibroblasts
3)	-	Fibrocytes
4)	-	Osteocytes

**Задание №245**

Name this slide:





Выберите один из 4 вариантов ответа:

1)	+	Nissl bodies of motor neuron of spinal cord
2)	-	Neurofibrils of motor neuron of spinal cord
3)	-	Golgi complex of motor neuron of spinal cord
4)	-	Lipid inclusions of motor neuron of spinal cord

**Задание №246**

Name this slide:

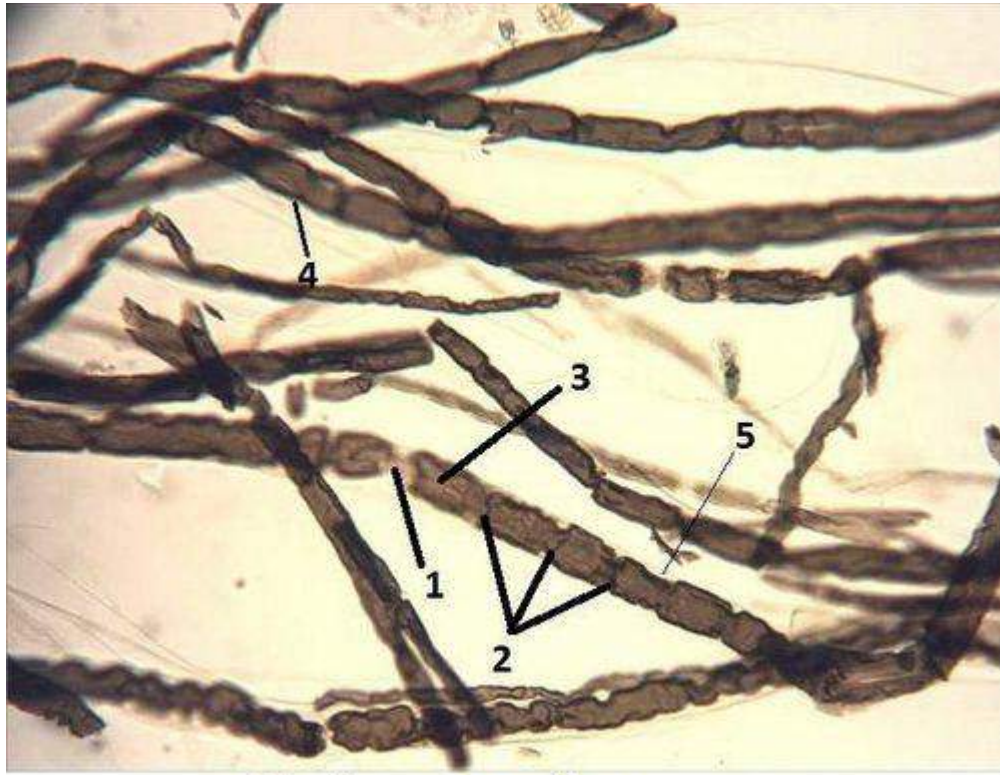


Выберите один из 4 вариантов ответа:

1)	+	Myelinated nerve fibers
2)	-	Unmyelinated nerve fibers
3)	-	Section of nerve trunk
4)	-	Nissl bodies of motor neuron of spinal cord

**Задание №247**

What structure is marked by number 1?



**Myelinate nerve fibers**

Выберите один из 4 вариантов ответа:

1)	+	Neurofibrillar node of Ranvier
2)	-	Neurolemma
3)	-	Axolemma
4)	-	Perineurium

**Задание №248**

What structure is marked by number 4?



**Myelinate nerve fibers**

Выберите один из 4 вариантов ответа:

1)	+	Myelin sheath
2)	-	Neurolemma
3)	-	Axolemma
4)	-	Neurofibrillar node of Ranvier

**Задание №249**

Name this slide:

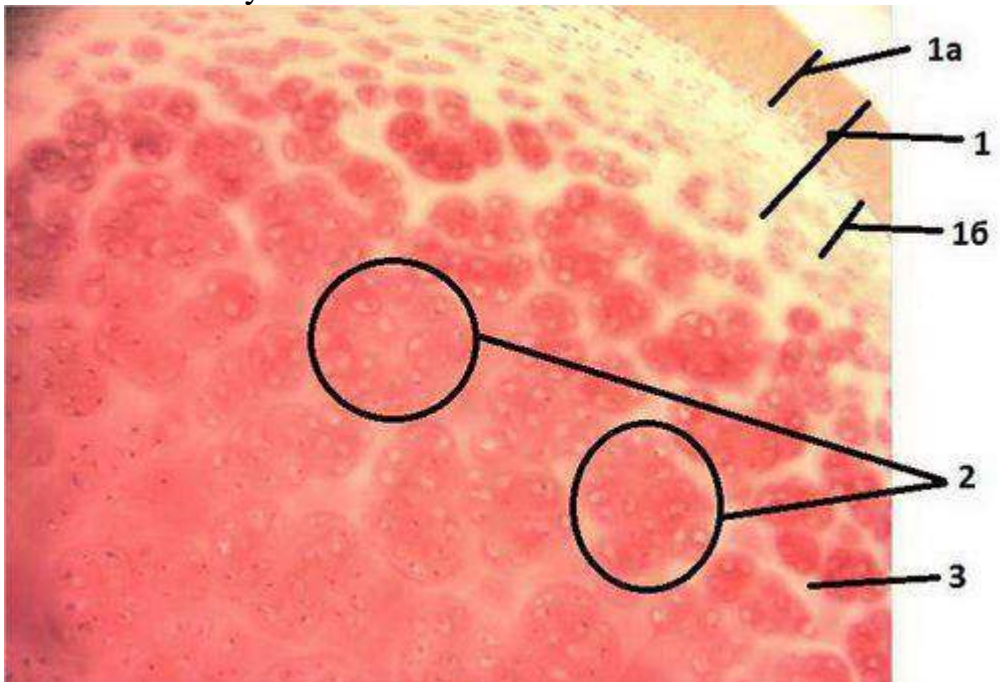


Выберите один из 4 вариантов ответа:

1)	+	Hyaline cartilage
2)	-	Fibrous cartilage
3)	-	Elastic cartilage
4)	-	Reticular cartilage

**Задание №250**

What structure is marked by number 2?

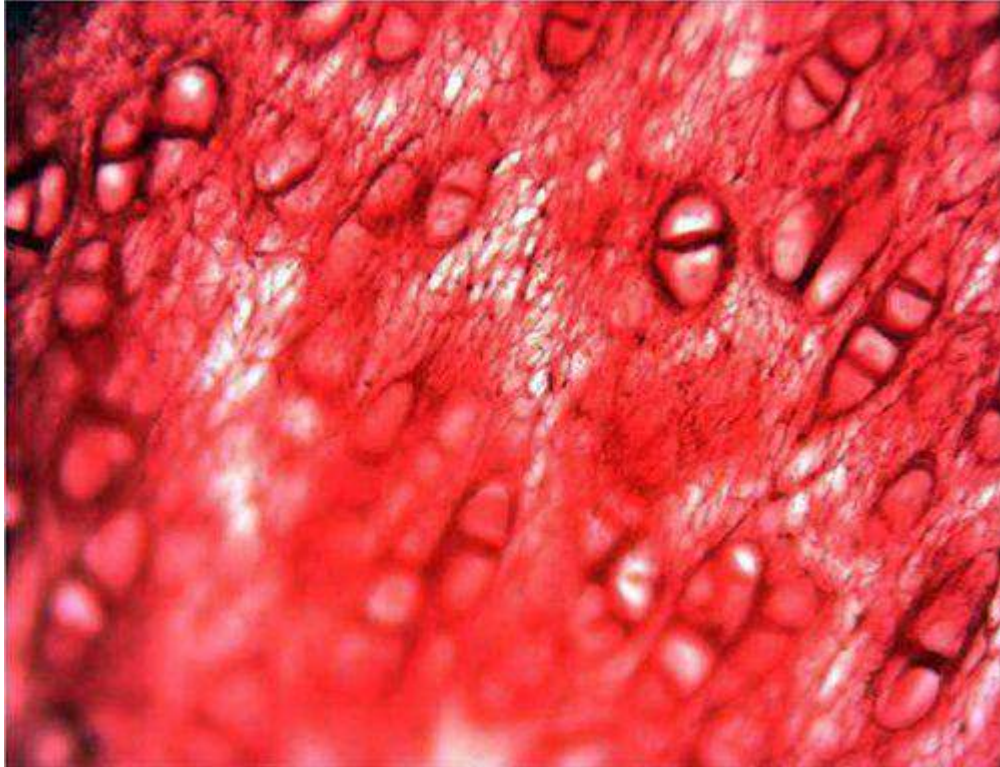


Выберите один из 4 вариантов ответа:

1)	+	Isogenic group of hyaline cartilage
2)	-	Isogenic group of elastic cartilage
3)	-	Isogenic group of reticular cartilage
4)	-	Isogenic group of fibrous cartilage

**Задание №251**

Name this slide:

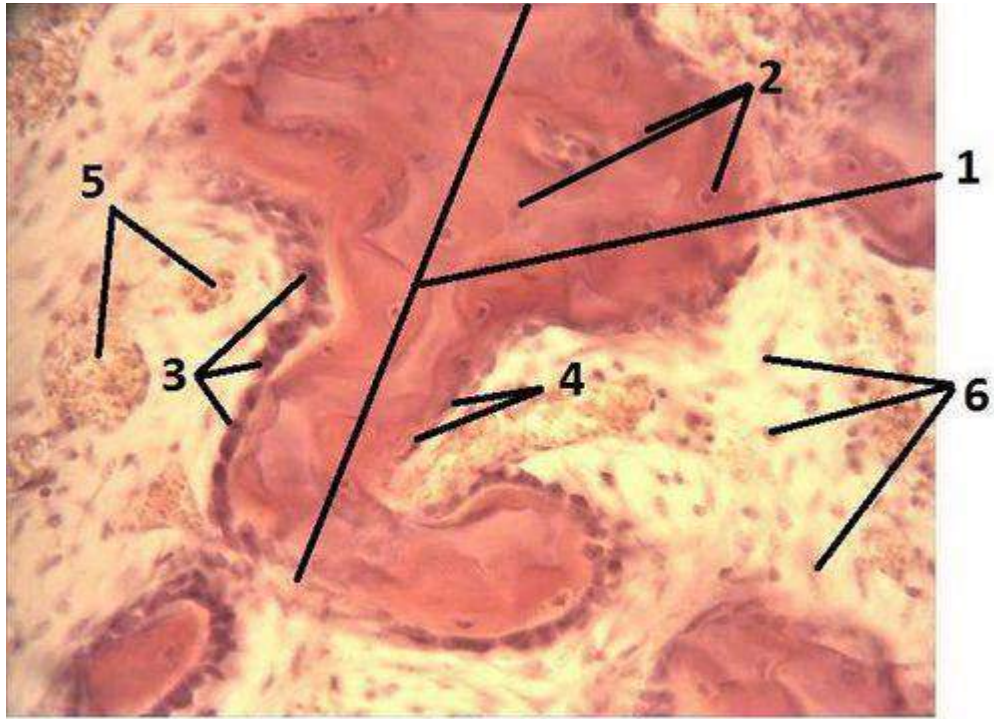


Выберите один из 4 вариантов ответа:

1)	+	Elastic cartilage
2)	-	Fibrous cartilage
3)	-	Hyaline cartilage
4)	-	Reticular cartilage

**Задание №252**

What structure is marked by number 3?



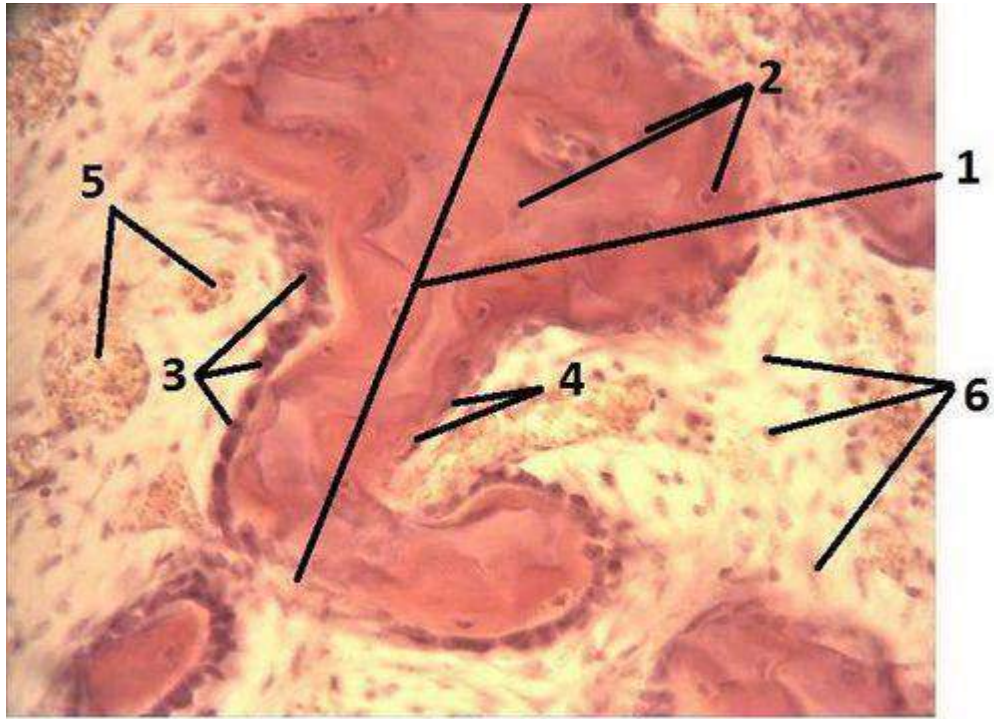
**Bone develops from mesenchyme**

Выберите один из 4 вариантов ответа:

1)	+	Osteoblasts
2)	-	Osteoclast
3)	-	Osteocytes
4)	-	Fibroblasts

**Задание №253**

What structure is marked by number 2?



**Bone develops from mesenchyme**

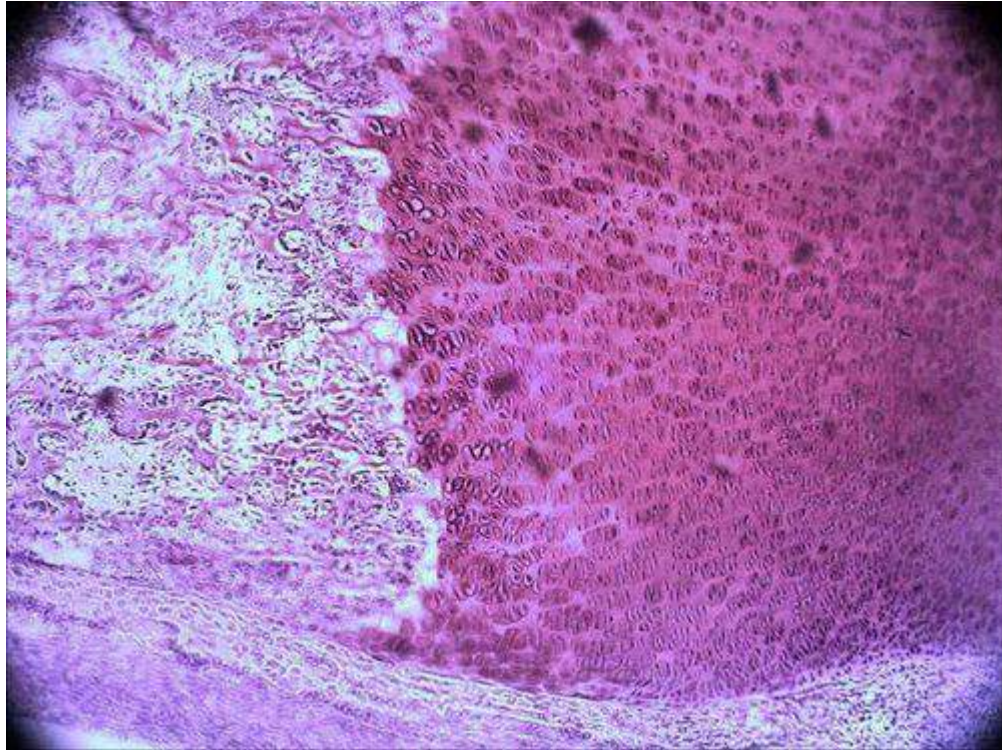
Выберите один из 4 вариантов ответа:

1)	+	Osteocytes
2)	-	Osteoclast
3)	-	Osteoblasts
4)	-	Fibroblasts

**Задание №254**

Name this slide:



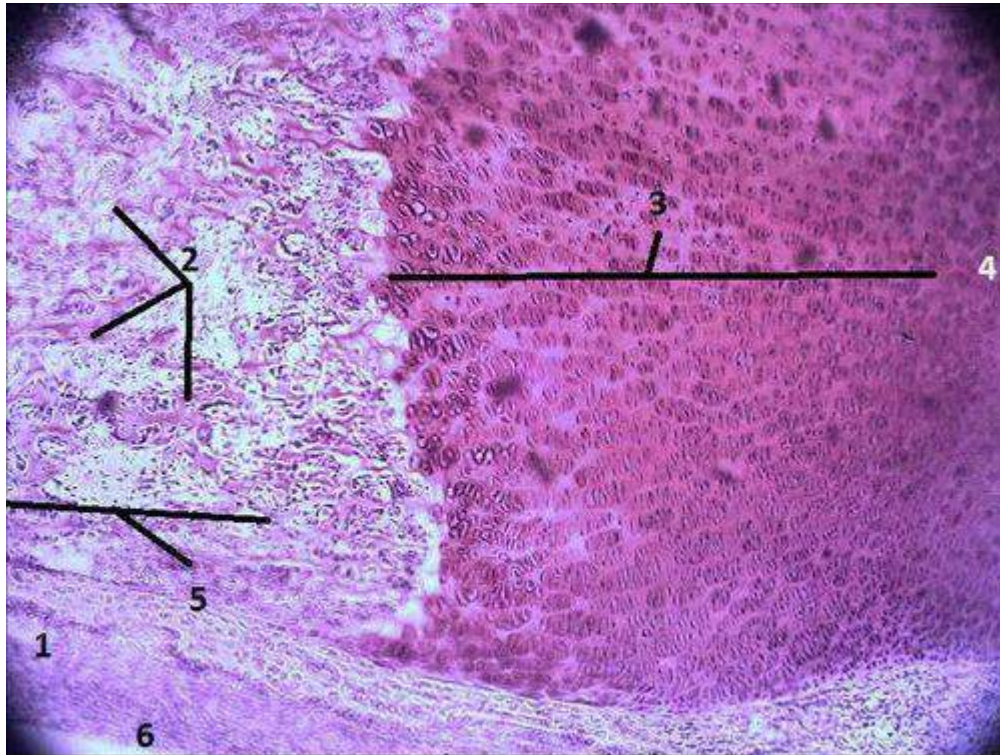


Выберите один из 4 вариантов ответа:

1)	+	Endochondral ossification
2)	-	Intramembranous ossification
3)	-	Fibrous cartilage
4)	-	Compact bone

**Задание №255**

What structure is marked by number 4?



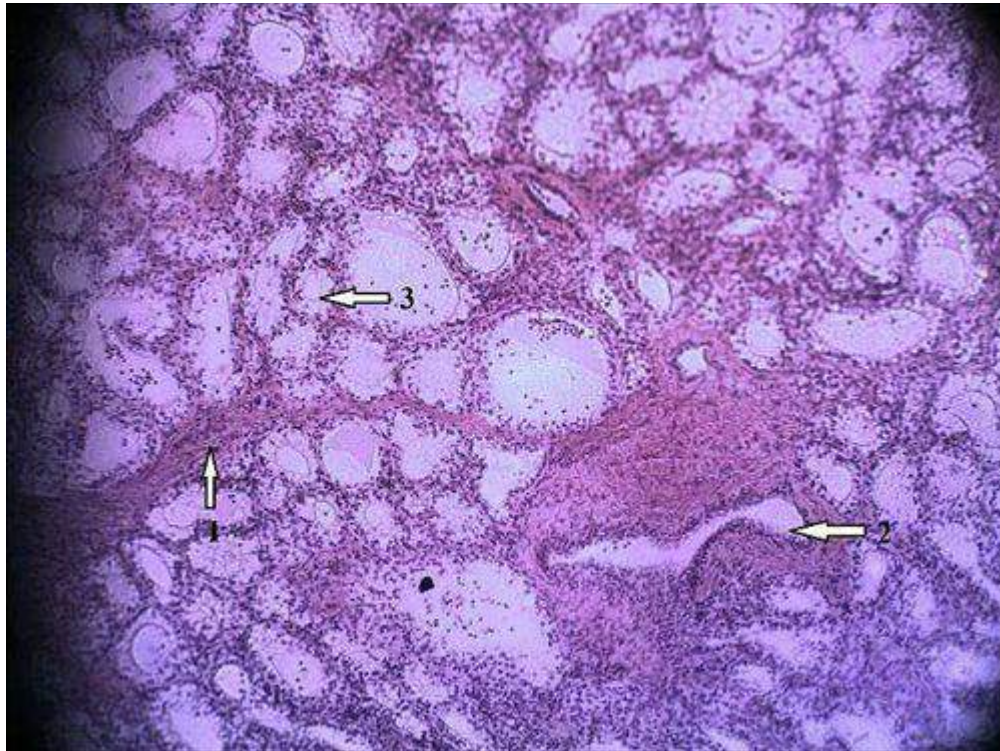
**Endochondral ossification (development of a long bone)**

Выберите один из 4 вариантов ответа:

1)	+	Cartilage tissue
2)	-	Bone tissue
3)	-	Loose connective tissue
4)	-	Dense connective tissue

**Задание №256**

Name this slide:



Выберите один из 4 вариантов ответа:

1)	+	Mammary gland
2)	-	Parotid gland
3)	-	Sublingual gland
4)	-	Prostate gland

**Задание №257**

What structure is marked by number 3?



Выберите один из 4 вариантов ответа:

1)	+	Secretory part of the mammary gland
2)	-	Secretory part of the parotid gland
3)	-	Secretory part of the sublingual gland
4)	-	Secretory part of the prostate gland

**Задание №258**

What structure is marked by number 1?

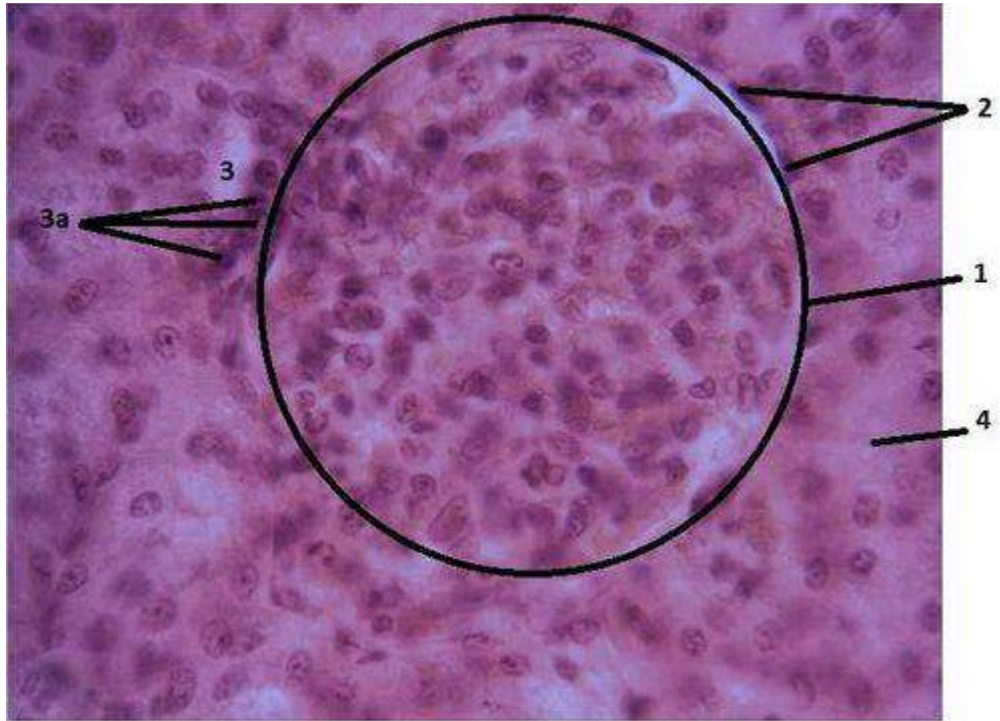


Выберите один из 4 вариантов ответа:

1)	+	Motor neurons
2)	-	Pseudounipolar neuron
3)	-	Neurolemmocytes
4)	-	Satellite cells

**Задание №259**

Which of the following numbers correspond to the renal corpuscle?



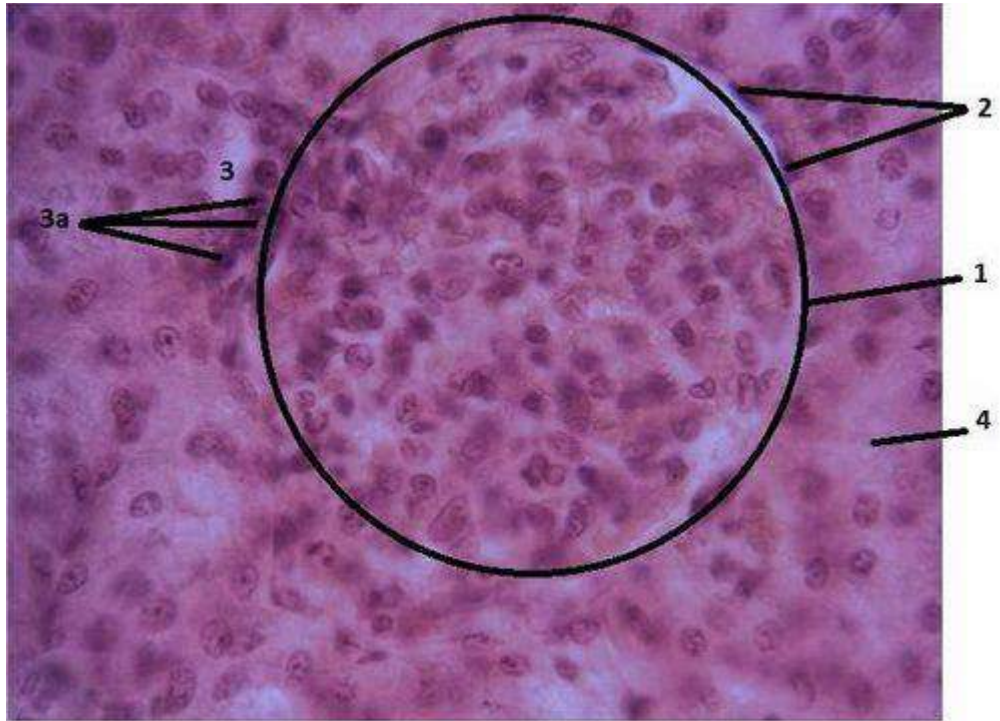
**Kidney**

Выберите один из 4 вариантов ответа:

1)	+	1
2)	-	3
3)	-	2
4)	-	4

**Задание №260**

Which of the following numbers correspond to the distal tubules of kidney?



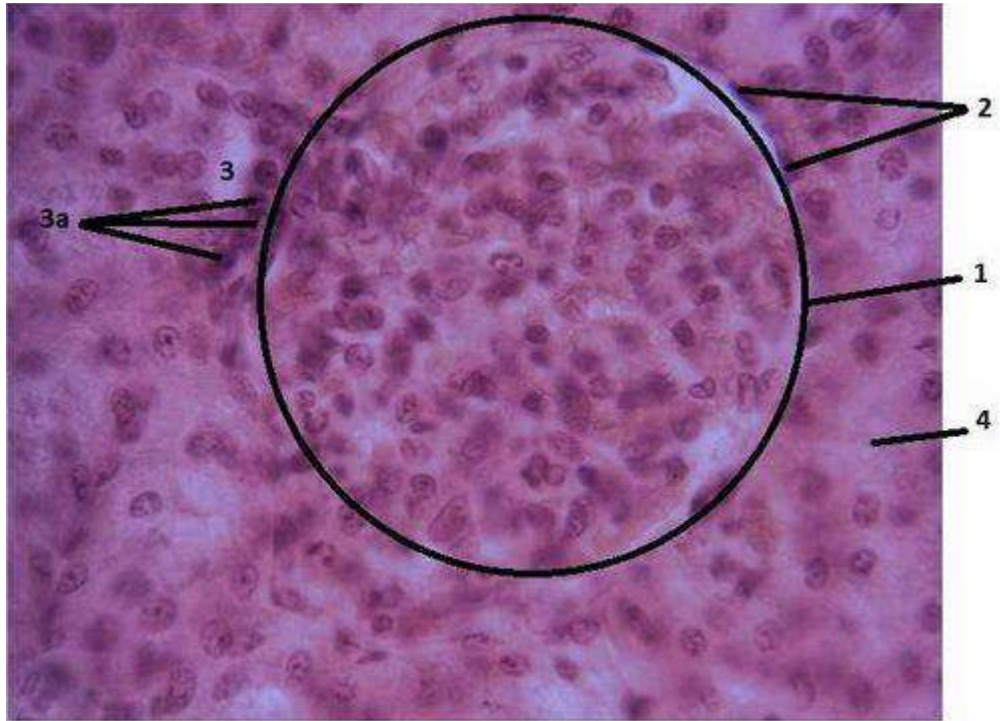
**Kidney**

Выберите один из 4 вариантов ответа:

1)	+	3
2)	-	1
3)	-	2
4)	-	4

**Задание №261**

Which of the following numbers correspond to the parietal layer of Bowman`s capsule?



**Kidney**

Выберите один из 4 вариантов ответа:

1)	+	2
2)	-	1
3)	-	3
4)	-	4

**Задание №262**

Which of the following numbers correspond to the macula densa of kidney?





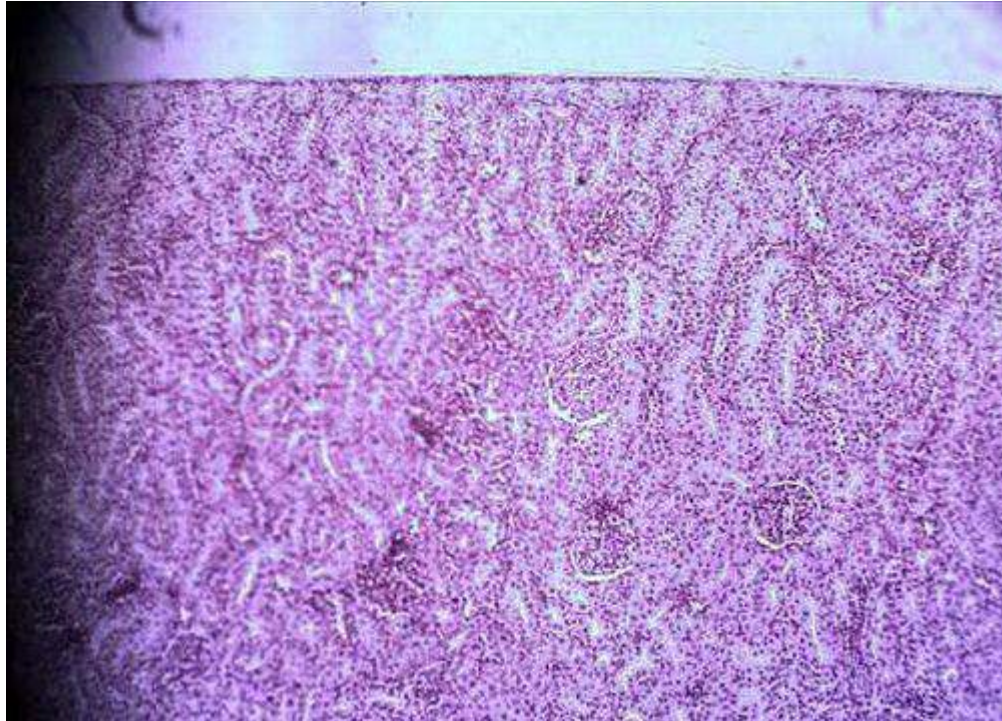
**Kidney**

Выберите один из 4 вариантов ответа:

1)	+	3a
2)	-	3
3)	-	2
4)	-	4

**Задание №263**

Name this slide:

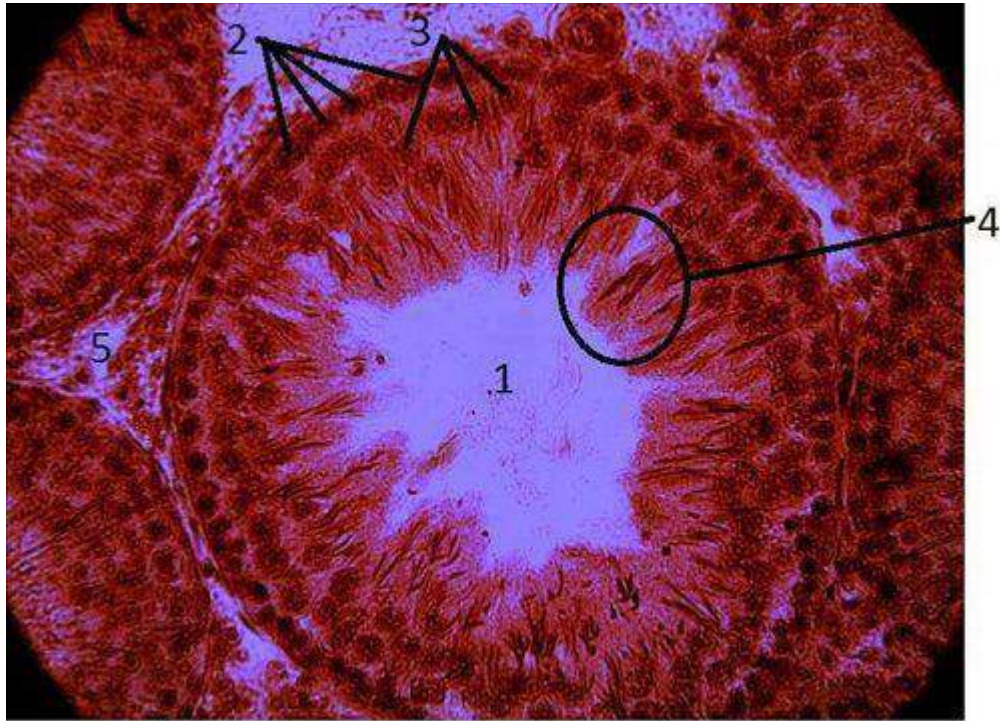


Выберите один из 4 вариантов ответа:

1)	+	Kidney
2)	-	Adrenal gland
3)	-	Mammary gland
4)	-	Liver

**Задание №264**

Which of the following numbers correspond to the spermatogonia?



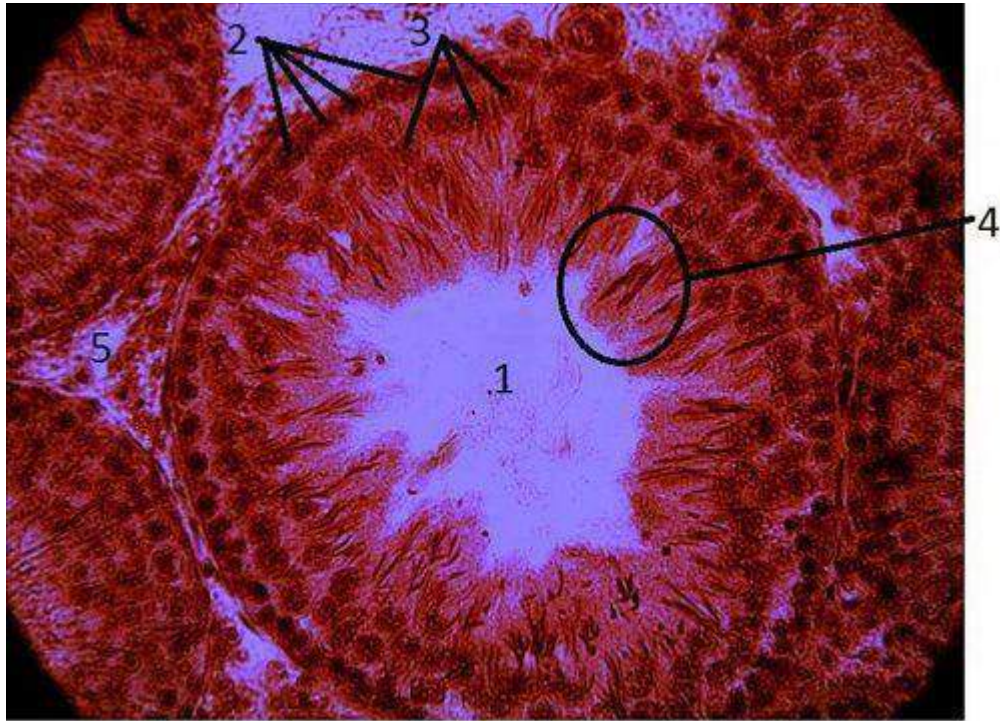
**Testis**

Выберите один из 4 вариантов ответа:

1)	+	2
2)	-	1
3)	-	3
4)	-	4

**Задание №265**

Which of the following numbers correspond to the spermatocytes?



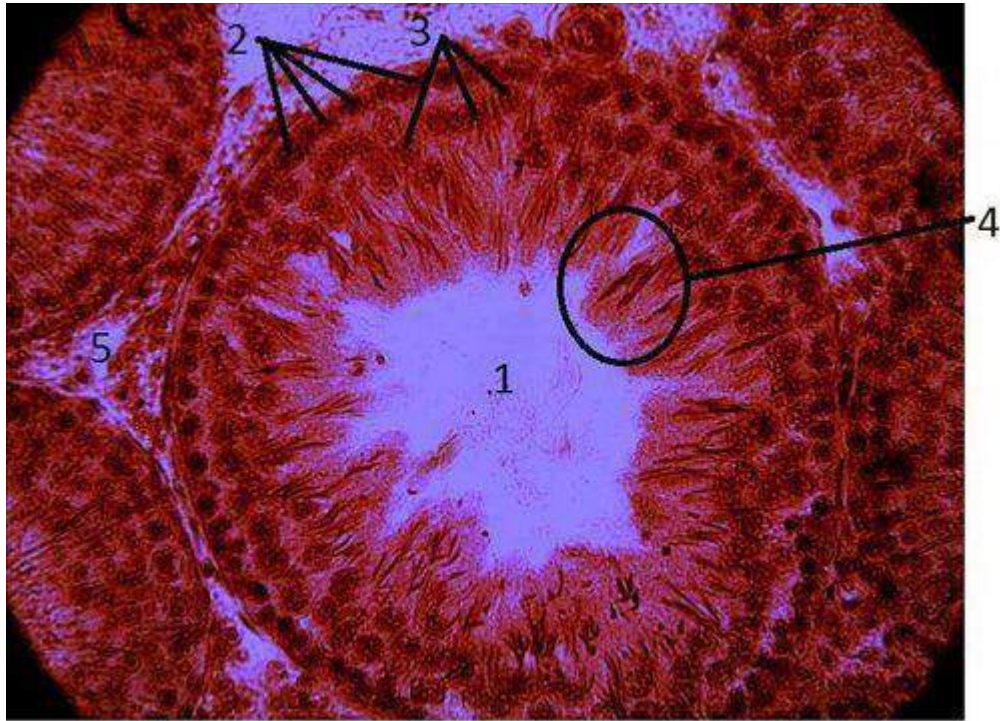
**Testis**

Выберите один из 4 вариантов ответа:

1)	+	3
2)	-	5
3)	-	2
4)	-	4

**Задание №266**

Which of the following numbers correspond to the spermatozoon?



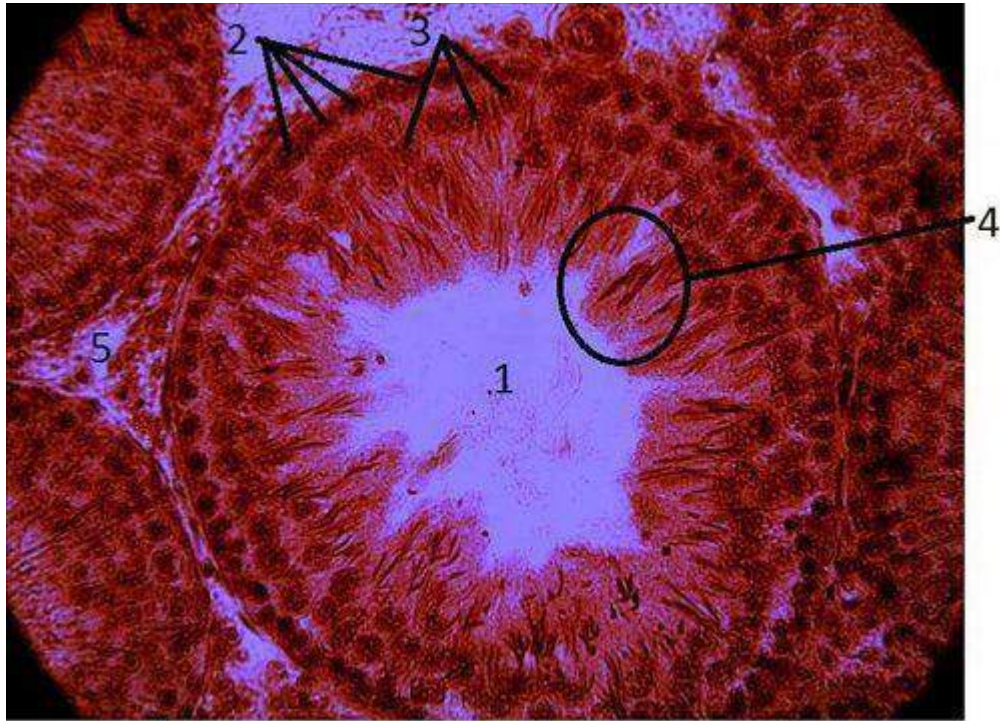
**Testis**

Выберите один из 4 вариантов ответа:

1)	+	4
2)	-	5
3)	-	3
4)	-	2

**Задание №267**

Which of the following numbers correspond to the interstitial cells (Leydig cells)?



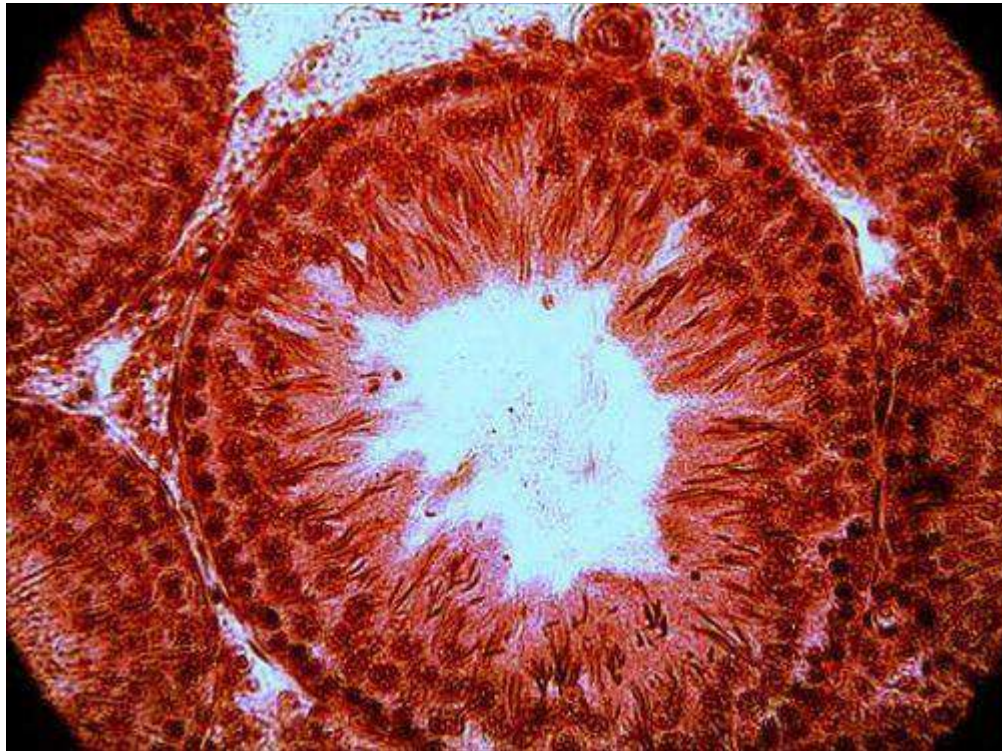
**Testis**

Выберите один из 4 вариантов ответа:

1)	+	5
2)	-	4
3)	-	3
4)	-	2

**Задание №268**

Name this slide:

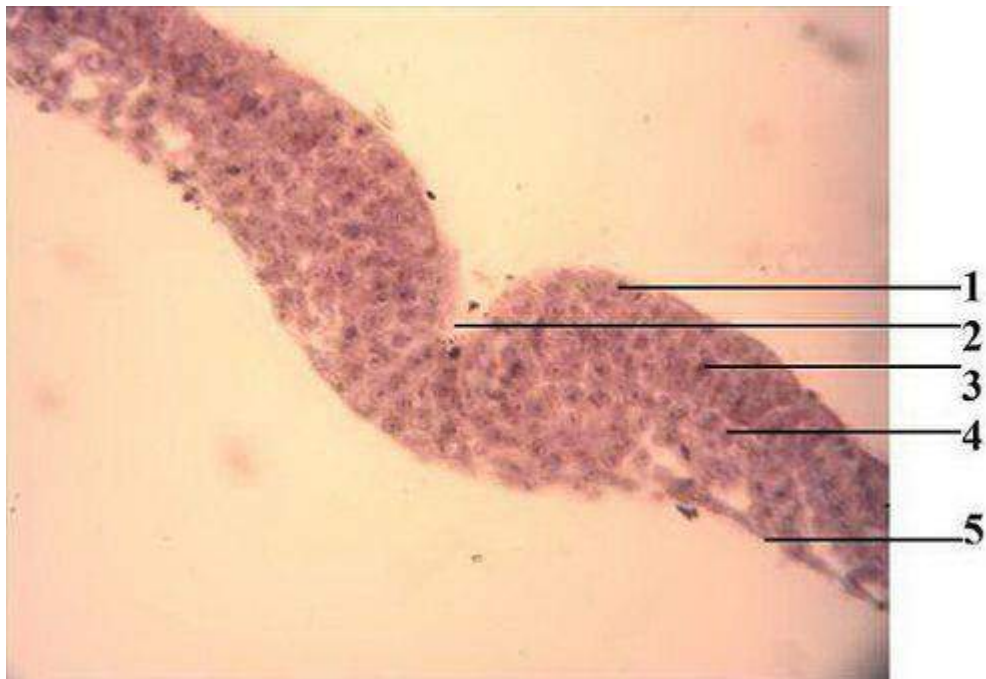


Выберите один из 4 вариантов ответа:

1)	+	Testis
2)	-	Epididymis
3)	-	Mammary gland
4)	-	Lung

**Задание №269**

Name this slide:

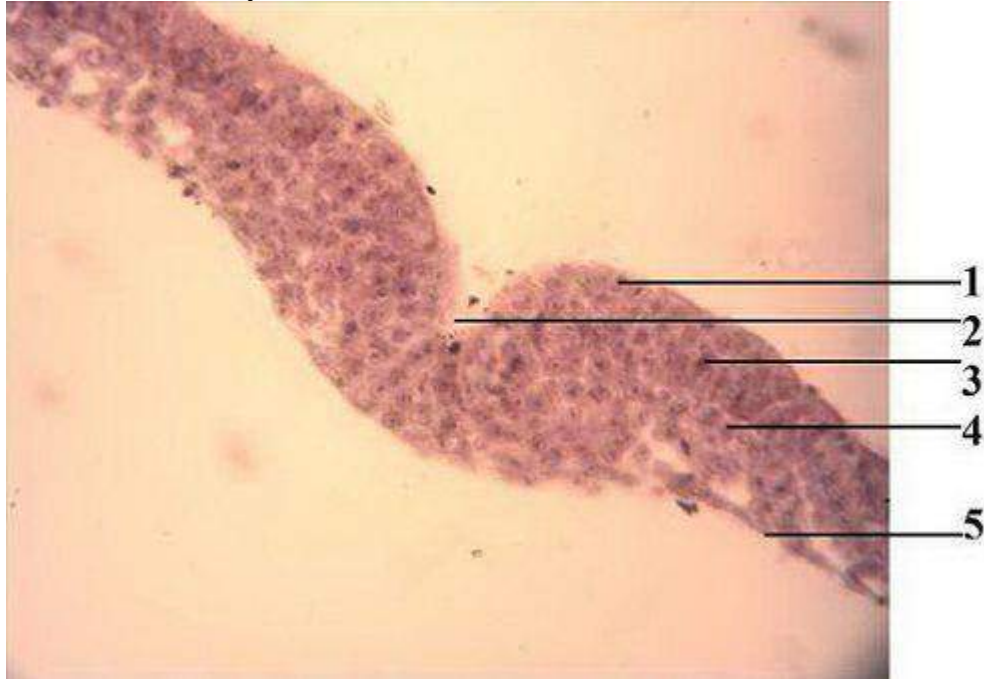


Выберите один из 4 вариантов ответа:

1)	+	Primitive streak
2)	-	Notochord, somites, neural tube
3)	-	Primitive groove
4)	-	Body and amniotic folds of embrion

**Задание №270**

What structure is marked by number 1?



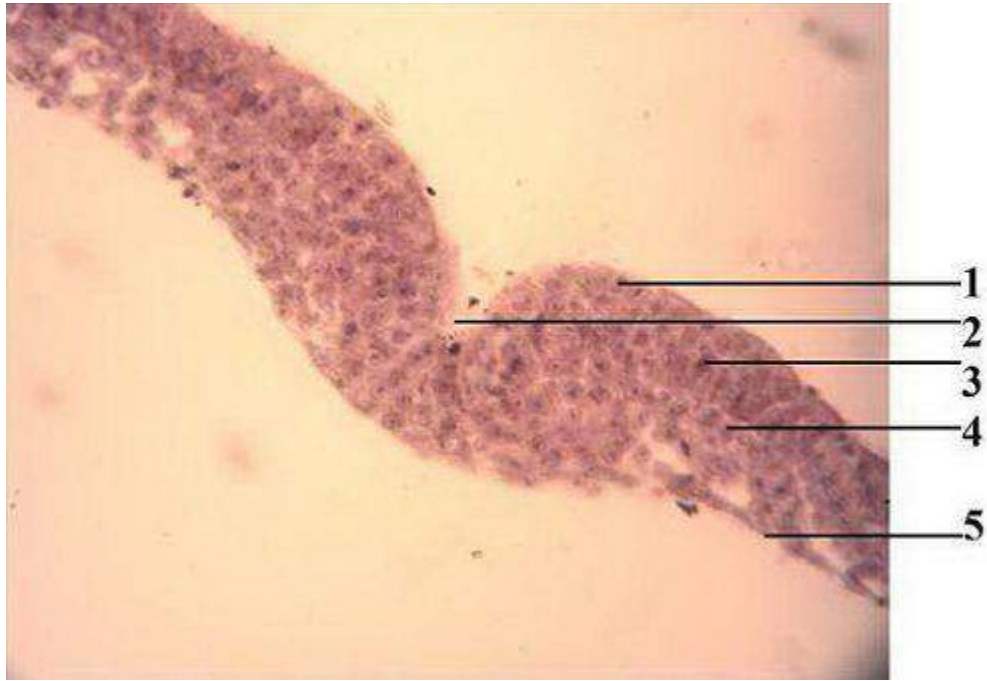
Выберите один из 4 вариантов ответа:

1)	+	Ectoderm
2)	-	Primitive streak
3)	-	Primitive groove
4)	-	Mesoderm

**Задание №271**

What structure is marked by number 2?



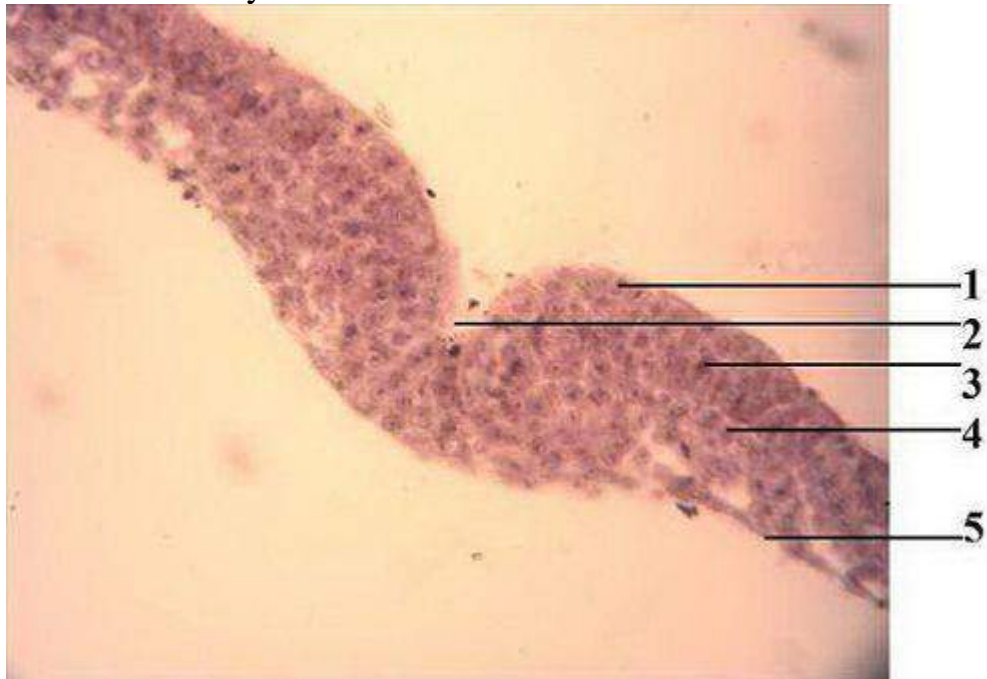


Выберите один из 4 вариантов ответа:

1)	+	Primary groove
2)	-	Primitive streak
3)	-	Ectoderm
4)	-	Mesoderm

**Задание №272**

What structure is marked by number 3?



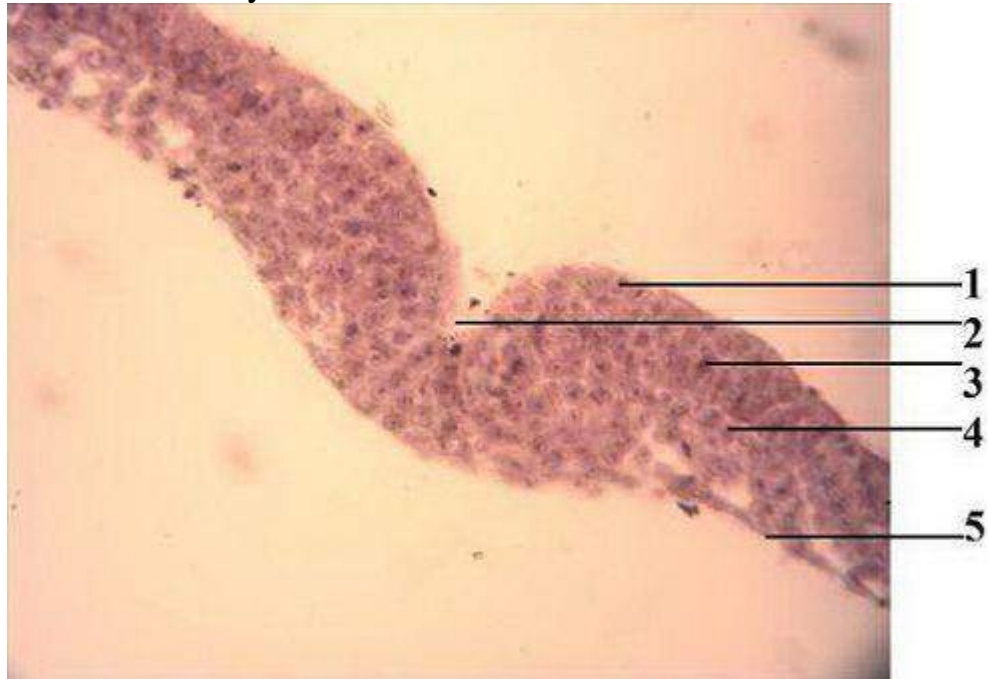
Выберите один из 4 вариантов ответа:

1)	+	Neuroectoderm
----	---	---------------

2)	-	Entoderm
3)	-	Primitive groove
4)	-	Mesoderm

**Задание №273**

What structure is marked by number 4?

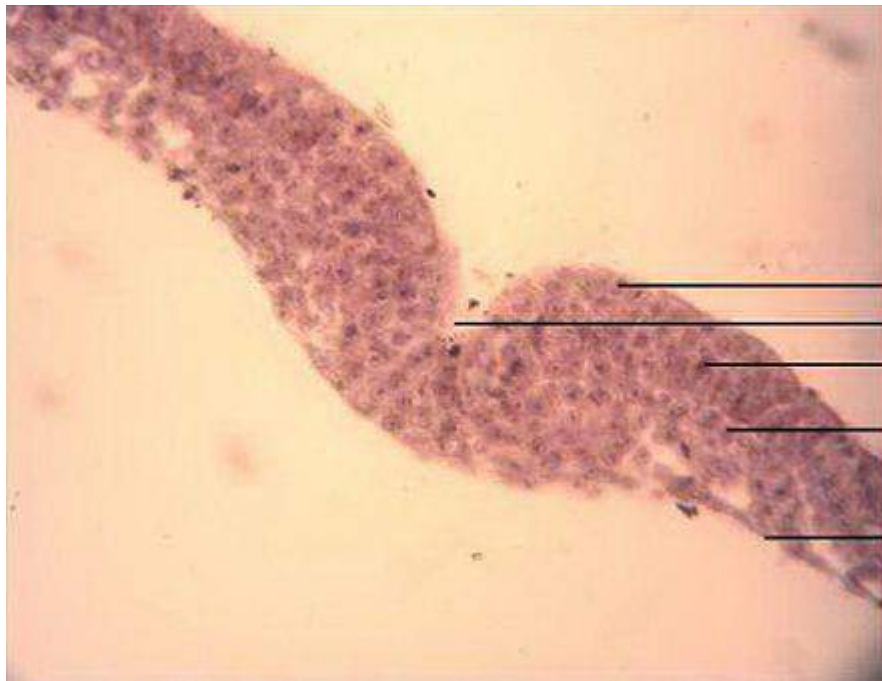


Выберите один из 4 вариантов ответа:

1)	+	Mesoderm
2)	-	Entoderm
3)	-	Primitive groove
4)	-	Neuroectoderm

**Задание №274**

What structure is marked by number 5?

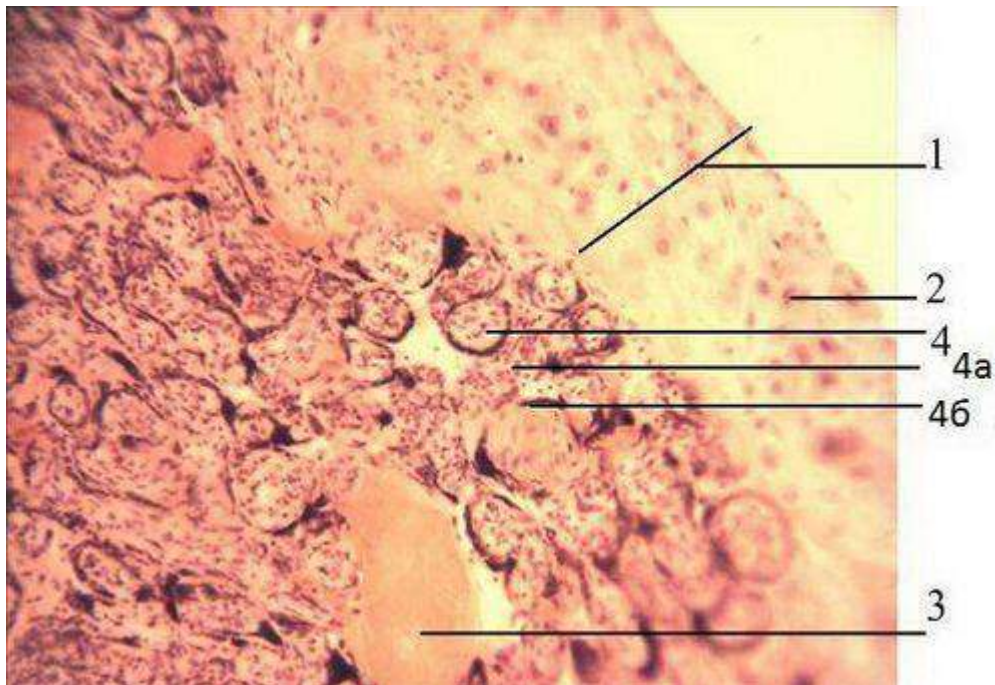


Выберите один из 4 вариантов ответа:

1)	+	Entoderm
2)	-	Mesoderm
3)	-	Primitive groove
4)	-	Neuroectoderm

**Задание №275**

Name this slide:



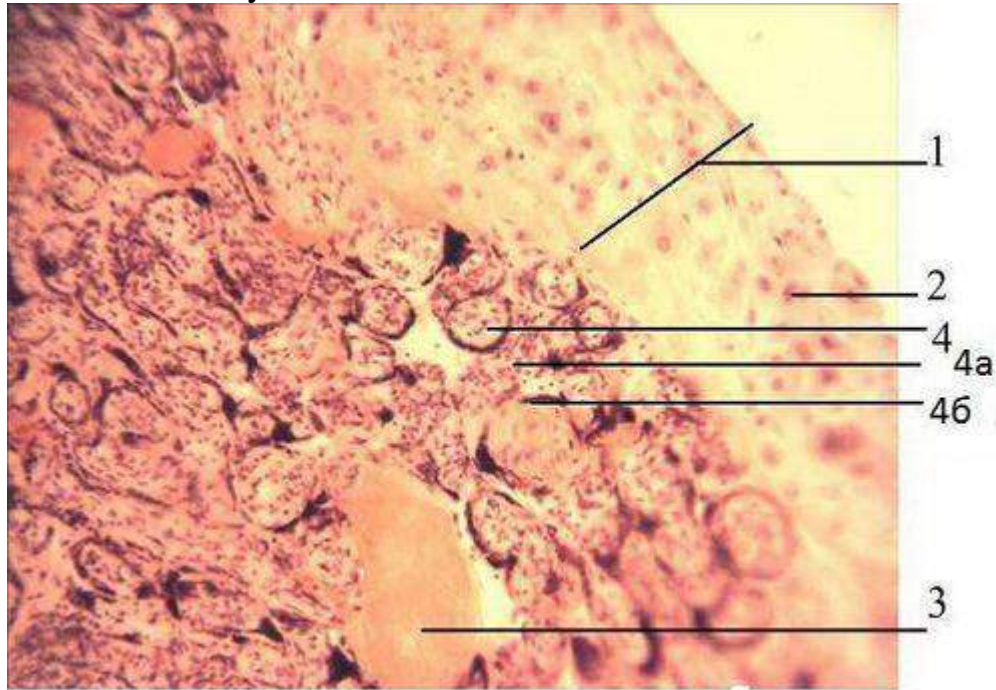
Выберите один из 4 вариантов ответа:

1)	+	Maternal part of placenta
----	---	---------------------------

2)	-	Fetal part of placenta
3)	-	Allantois
4)	-	Body and amniotic folds of embrion

**Задание №276**

What structure is marked by number 1?



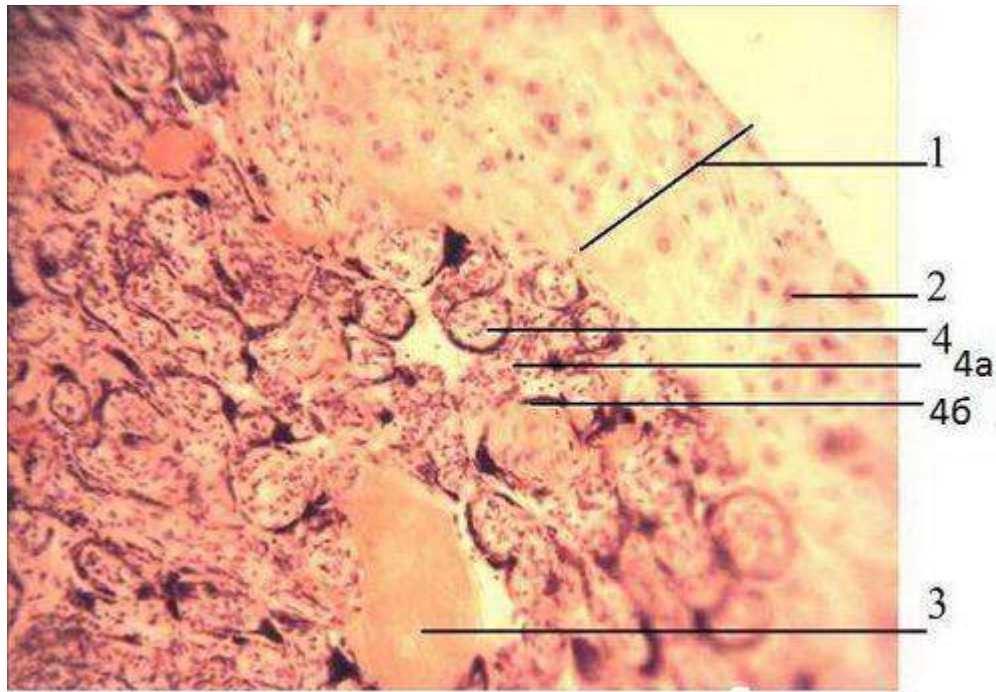
**Maternal part of the placenta**

Выберите один из 4 вариантов ответа:

1)	+	Basal plate of endometrium
2)	-	Syncytiotrophoblast
3)	-	Myometrium
4)	-	Chorion plate

**Задание №277**

What structure is marked by number 2?



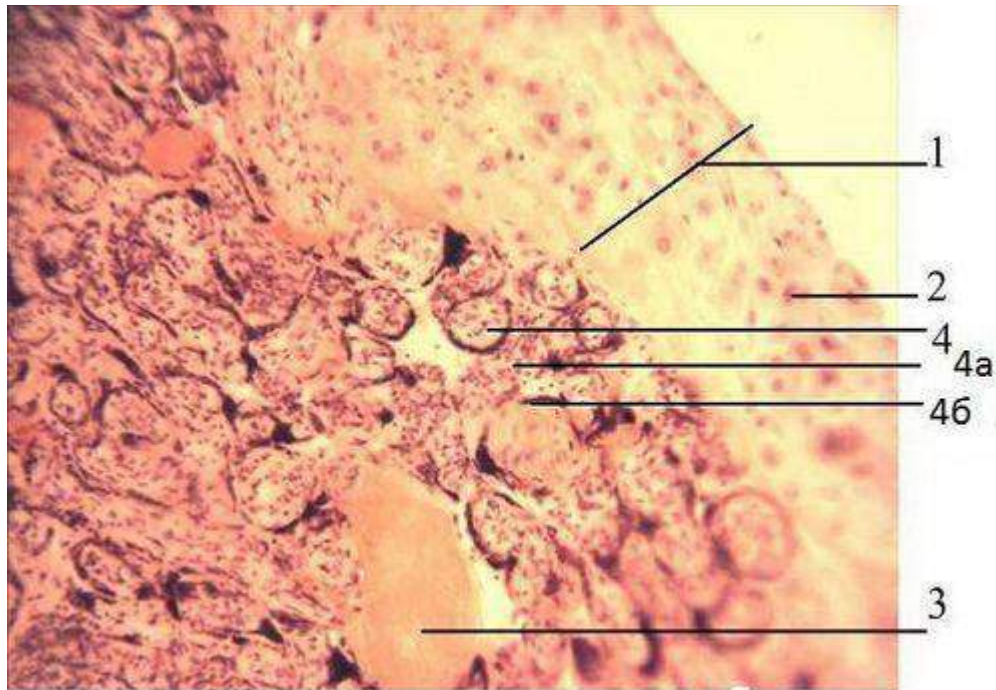
**Maternal part of the placenta**

Выберите один из 4 вариантов ответа:

1)	+	Deciduous cells
2)	-	Syncytiotrophoblast
3)	-	Myometrium
4)	-	Fibroblasts

**Задание №278**

What structure is marked by number 3?



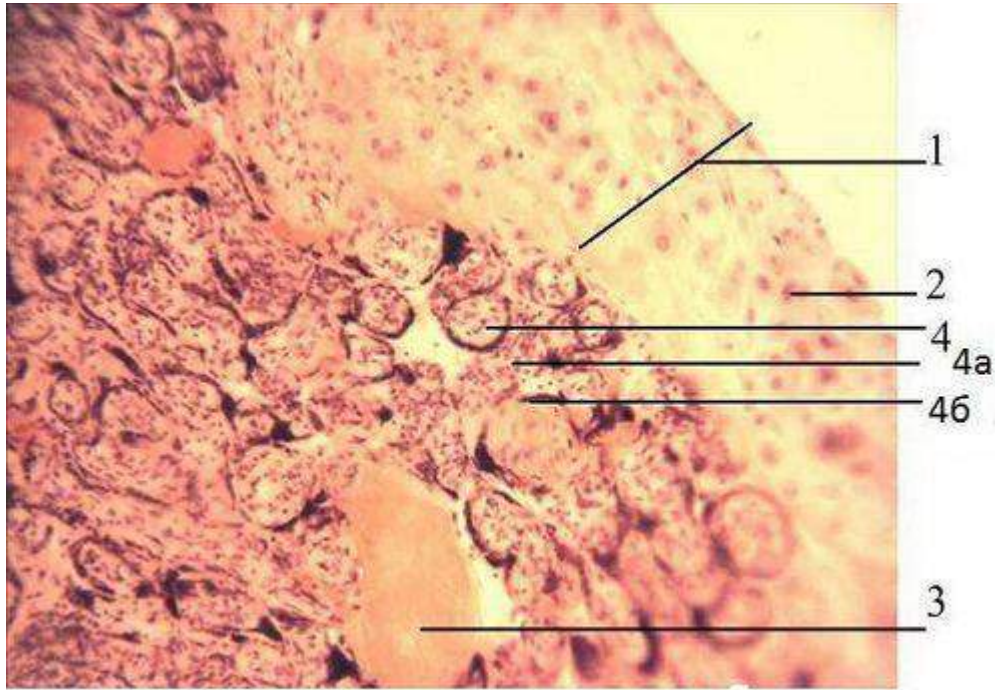
**Maternal part of the placenta**

Выберите один из 4 вариантов ответа:

1)	+	Lacuna filled with maternal blood
2)	-	Trophic villi
3)	-	Deciduous cells
4)	-	Lacuna filled with fetal blood

**Задание №279**

What structure is marked by number 4a?



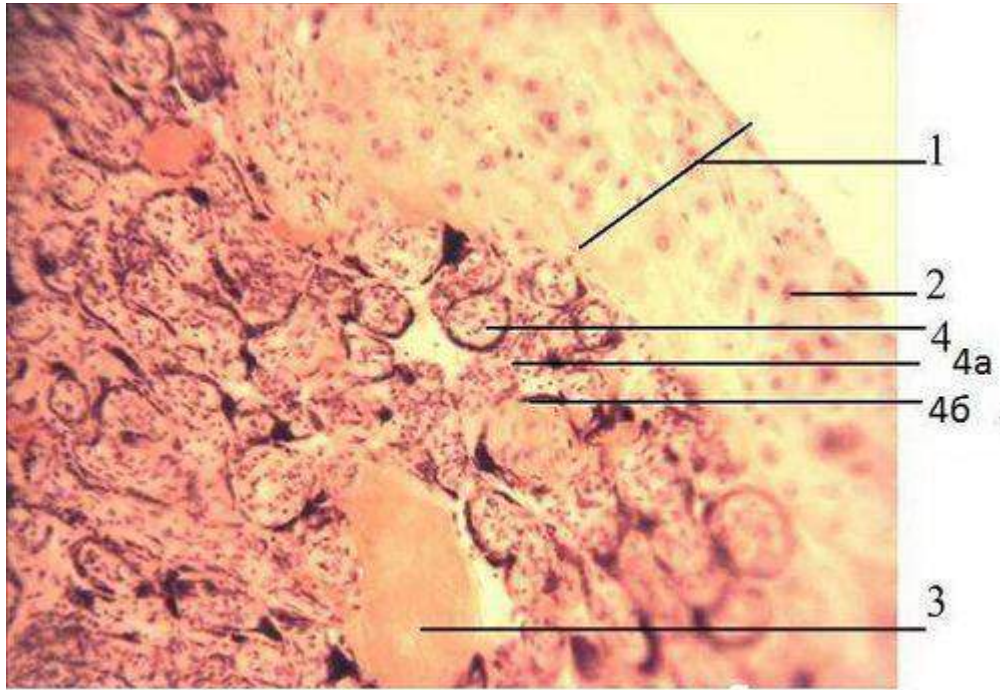
**Maternal part of the placenta**

Выберите один из 4 вариантов ответа:

1)	+	Trophic villi
2)	-	Lacuna filled with maternal blood
3)	-	Deciduous cells
4)	-	Syncytiotrophoblast

**Задание №280**

What structure is marked by number 4b?



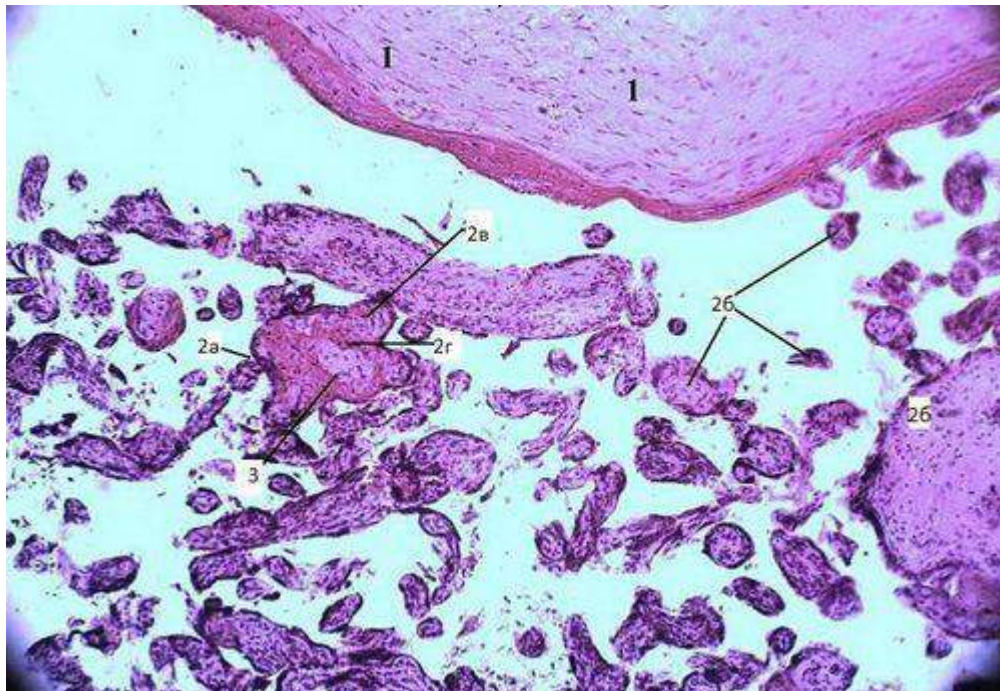
**Maternal part of the placenta**

Выберите один из 4 вариантов ответа:

1)	+	Syncytiotrophoblast
2)	-	Lacuna filled with maternal blood
3)	-	Deciduous cells
4)	-	Cytotrophoblast

**Задание №281**

Name this slide:



Выберите один из 4 вариантов ответа:



1)	+	Fetal part of placenta
2)	-	Maternal part of placenta
3)	-	Allantois
4)	-	Umbilical cord

**Задание №282**

What structure is marked by number 1?

**Fetal part of the placenta**



Выберите один из 4 вариантов ответа:

1)	+	Chorion plate
2)	-	Syncytiotrophoblast
3)	-	Trophic villi
4)	-	Basal plate of endometrium

**Задание №283**

What structure is marked by number 2a?

### Fetal part of the placenta



Выберите один из 4 вариантов ответа:

1)	+	Trophic villi
2)	-	Septa
3)	-	Anchoring villi
4)	-	Basal plate of endometrium

### Задание №284

What structure is marked by number 3?

### Fetal part of the placenta

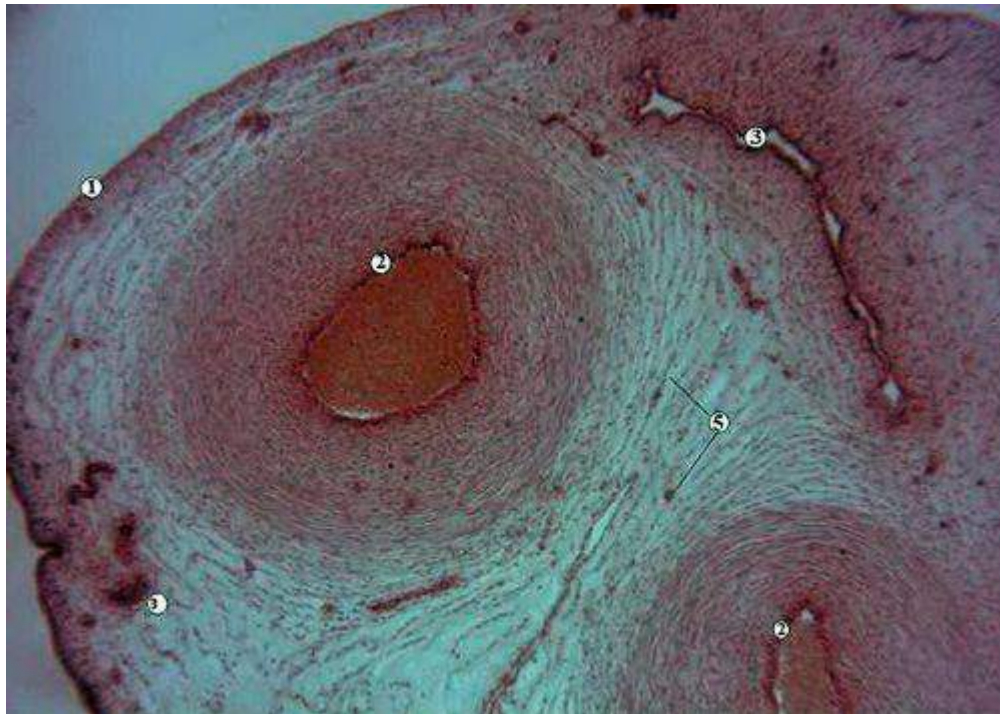


Выберите один из 4 вариантов ответа:

1)	+	Fetal blood vessels
2)	-	Maternal blood vessels
3)	-	Lacuna filled with maternal blood
4)	-	Lacuna filled with fetal blood

**Задание №285**

Name this slide:



Выберите один из 4 вариантов ответа:

1)	+	Umbilical cord
2)	-	Testis
3)	-	Allantois
4)	-	Lung

Группа: EN TEORY I sem 20.qst

**Задание №286**

Name the function, which blood does not execute?

Выберите один из 4 вариантов ответа:

1)	+	absorption, secretion and excretion of substances
2)	-	transport
3)	-	homeostatic
4)	-	hemocoagulation

**Задание №287**

In the normal male erythrocyte number:

Выберите один из 4 вариантов ответа:

- |    |   |                              |
|----|---|------------------------------|
| 1) | + | 4 - 5,2 x 10 <sup>12</sup>   |
| 2) | - | 3,9 - 4,9 x 10 <sup>12</sup> |
| 3) | - | 4,2 - 5 x 10 <sup>12</sup>   |
| 4) | - | 3,5- 4,9 x 10 <sup>12</sup>  |

**Задание №288**

In the normal female erythrocyte number:

Выберите один из 4 вариантов ответа:

- |    |   |                             |
|----|---|-----------------------------|
| 1) | + | 3,9- 4,9 x 10 <sup>12</sup> |
| 2) | - | 4 - 5,2 x 10 <sup>12</sup>  |
| 3) | - | 3,5- 4,9 x 10 <sup>12</sup> |
| 4) | - | 4,2 - 5 x 10 <sup>12</sup>  |

**Задание №289**

Erythrocytes function:

Выберите один из 4 вариантов ответа:

- |    |   |                          |
|----|---|--------------------------|
| 1) | + | transport of oxygen      |
| 2) | - | phagocytosis             |
| 3) | - | destruction of parasites |
| 4) | - | formation of thrombus    |

**Задание №290**

What is NOT structure features of granulocytes?

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | capable to mitosis and can change into other forms |
| 2) | - | incapable to mitosis                               |
| 3) | - | nuclei are segmented                               |
| 4) | - | contain specific granules in cytoplasm             |

**Задание №291**

In the normal neutrophils number:

Выберите один из 4 вариантов ответа:

- |    |   |          |
|----|---|----------|
| 1) | + | 40 - 75% |
| 2) | - | 20 - 45% |
| 3) | - | 1 - 5%   |
| 4) | - | 35 - 60% |

**Задание №292**

Function of enzyme - cathepsins G:

Выберите один из 4 вариантов ответа:

1)	+	destroy gram-positive and gram-negative bacteria
2)	-	inhibits the growth and reproduction of microorganisms
3)	-	destroys bacterium wall
4)	-	increases permeability of blood vessels

**Задание №293**

Function of enzyme - lactoferrin:

Выберите один из 4 вариантов ответа:

1)	+	inhibits the growth and reproduction of microorganisms
2)	-	destroys bacterium wall
3)	-	increases permeability of blood vessels
4)	-	destroy gram-positive and gram-negative bacteria

**Задание №294**

Function of enzyme - lysozyme:

Выберите один из 4 вариантов ответа:

1)	+	destroys bacterium wall
2)	-	increases permeability of blood vessels
3)	-	destroy gram-positive and gram-negative bacteria
4)	-	inhibits the growth and reproduction of microorganisms

**Задание №295**

Function of neutrophils:

Выберите один из 4 вариантов ответа:

1)	+	phagocytosis
2)	-	transport of oxygen
3)	-	formation of thrombus
4)	-	destruction of parasites

**Задание №296**

Function of enzyme - histaminase:

Выберите один из 4 вариантов ответа:

1)	+	destroys histamine
2)	-	increases permeability of blood vessels
3)	-	anticoagulation
4)	-	antiparasitogenic action

**Задание №297**

Function of enzyme - heparin:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | anticoagulation                         |
| 2) | - | destroys histamine                      |
| 3) | - | antiparasitogenic action                |
| 4) | - | increases permeability of blood vessels |

**Задание №298**

Function of enzyme - histamine:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | increases permeability of blood vessels and asphyxia |
| 2) | - | formation of thrombus                                |
| 3) | - | anticoagulation                                      |
| 4) | - | phagocytosis   |

**Задание №299**

Name the function, which eosinophils do not execute?

Выберите один из 4 вариантов ответа:

- |    |   |                          |
|----|---|--------------------------|
| 1) | + | anticoagulation          |
| 2) | - | destroys histamine       |
| 3) | - | capable to phagocytosis  |
| 4) | - | destruction of parasites |

**Задание №300**

Name the function, which basophils do not execute?

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | formation of thrombus                   |
| 2) | - | anticoagulation                         |
| 3) | - | increases permeability of blood vessels |
| 4) | - | spasm of small bronchi and asphyxia     |

**Задание №301**

Which of the four basic tissue types does blood belong to?

Выберите один из 5 вариантов ответа:

- |    |   |                   |
|----|---|-------------------|
| 1) | + | Connective tissue |
| 2) | - | Epithelium        |
| 3) | - | Muscle            |

4)	-	Nervous tissue
5)	-	Blood

**Задание №302**

Which of the following formed elements do not contain a nucleus?

Выберите один из 3 вариантов ответа:

1)	+	Platelets
2)	-	Leukocytes
3)	-	Monocytes

**Задание №303**

What comes from a megakaryocyte?

Выберите один из 5 вариантов ответа:

1)	+	Platelets
2)	-	Lymphocytes
3)	-	Basophils
4)	-	Erythrocytes
5)	-	Monocytes

**Задание №304**

Which leukocyte is the most abundant in a peripheral smear of blood?

Выберите один из 5 вариантов ответа:

1)	+	Neutrophil
2)	-	Lymphocytes
3)	-	Basophils
4)	-	Monocytes
5)	-	Eosinophils

**Задание №305**

Which of the following is not a granulocyte?

Выберите один из 5 вариантов ответа:

1)	+	Lymphocytes
2)	-	Neutrophil
3)	-	PMN
4)	-	Eosinophils
5)	-	Basophils

**Задание №306**

Which of the following is a granulocyte?

Выберите один из 5 вариантов ответа:		
1)	+	Eosinophil
2)	-	Thrombocyte
3)	-	Lymphocyte
4)	-	Monocyte
5)	-	Erythrocyte

<b>Задание №307</b>		
Which of the following is NOT a term used for a neutrophil?		
Выберите один из 5 вариантов ответа:		
1)	+	NP
2)	-	Polymorphonuclear neutrophils
3)	-	Poly's
4)	-	PMN
5)	-	Polymorph

<b>Задание №308</b>		
Which leukocyte has a multi-lobed (3-5 lobes) nucleus?		
Выберите один из 5 вариантов ответа:		
1)	+	Neutrophil
2)	-	Lymphocytes
3)	-	Monocytes
4)	-	Eosinophil
5)	-	Basophils

<b>Задание №309</b>		
Which cell has large blue granules, often obscuring the nucleus?		
Выберите один из 5 вариантов ответа:		
1)	+	Basophils
2)	-	Neutrophil
3)	-	Lymphocytes
4)	-	Monocytes
5)	-	Eosinophil

<b>Задание №310</b>		
Which of the following is not considered a "formed element"?		
Выберите один из 5 вариантов ответа:		
1)	+	Plasma
2)	-	Erythrocytes



3)	-	Platelets
4)	-	Leukocytes
5)	-	Red blood cells

**Задание №311**

Intercellular substance of the rough fibrous osseous tissue consists of:

Выберите один из 4 вариантов ответа:

1)	+	bundles of thick ossein fibers diverge in different directions and form osseous beam
2)	-	ossein fibers are thin, are situated parallel and form osseous lamellae
3)	-	bundles of thin ossein fibers diverge in different directions and form osseous beam
4)	-	ossein fibers are thick, are situated parallel and form osseous lamellae

**Задание №312**

Intercellular substance of the laminar osseous tissue consists of:

Выберите один из 4 вариантов ответа:

1)	+	ossein fibers are thin, are situated parallel and form osseous lamellae
2)	-	bundles of thin ossein fibers diverge in different directions and form osseous beam
3)	-	ossein fibers are thick, are situated parallel and form osseous lamellae
4)	-	bundles of thick ossein fibers diverge in different directions and form osseous beam

**Задание №313**

What is NOT structure feature of osteoblast?

Выберите один из 4 вариантов ответа:

1)	+	cells have numerous processes
2)	-	cytoplasm is basophilic, organelles are well developed
3)	-	function - synthesis of intercellular substance
4)	-	cells are of cuboidal form

**Задание №314**

What is NOT structure feature of osteocytes?

Выберите один из 4 вариантов ответа:

1)	+	cytoplasm is basophilic, organelles are well developed
2)	-	cells have numerous processes
3)	-	cytoplasm is faintly basophilic, organelles are developed weakly
4)	-	function - metabolism in the tissue

**Задание №315**

What is NOT structure feature of osteoclast?

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | function - regeneration of bone tissue                   |
| 2) | - | cytoplasm is faintly basophilic, contains many lysosomes |
| 3) | - | function - destruction of bone tissue                    |
| 4) | - | cells are of spherical form, have multinucleated         |

**Задание №316**

What is NOT structure feature of spongy bone?

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | bone trabecules consists of osteones                                      |
| 2) | - | bone is covered with periosteum   |
| 3) | - | bone trabecules consists of osteocytes, which are present in bone lacunae |
| 4) | - | intercellular substance has rough fibrous or laminar structure            |

**Задание №317**

What is NOT structure feature of epiphysis tubular bone?

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | constituted by compact substance                            |
| 2) | - | constituted by spongy substance                             |
| 3) | - | osseous trabecules, built from osseous laminae              |
| 4) | - | cavities between trabecules are filled with red bone marrow |

**Задание №318**

What is NOT structure feature of osteon layer of the tubular bone?

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | osteoblasts and osteocytes are present into the Haversian canal  |
| 2) | - | osteon consists of concentric osseous laminae                    |
| 3) | - | osteocytes are between laminae                                   |
| 4) | - | osteoblasts and osteoclasts are present into the Haversian canal |

**Задание №319**

Name layer, which NOT form structure of compact substance of the tubular bone:

Выберите один из 4 вариантов ответа:

- |    |   |                                |
|----|---|--------------------------------|
| 1) | + | perichondrium                  |
| 2) | - | inner layer of general laminae |
| 3) | - | outer layer of general laminae |

4)	-	osteon layer
----	---	--------------

**Задание №320**

What is NOT structure feature of medullar cavity?

Выберите один из 4 вариантов ответа:

1)	+	lined of the periostium
2)	-	filled of the yellow bone marrow
3)	-	lined of the endostium
4)	-	lined of the loose connective tissue

**Задание №321**

Interphase consist of:

Выберите один из 4 вариантов ответа:

1)	+	postmitotic, synthetic and premitotic periods
2)	-	prophase, metaphase and telophase
3)	-	anaphase, G0 period and zygotene
4)	-	telophase, metaphase, prophase

**Задание №322**

What takes place during of Postmitotic periods?

Выберите один из 4 вариантов ответа:

1)	+	cell growth, its differentiation and carrying main functions
2)	-	DNA molecules replication taces place
3)	-	synthesis of tubulin protein molecules occurs
4)	-	cytokinesis occurs

**Задание №323**

What takes place during of Synthetic periods?

Выберите один из 4 вариантов ответа:

1)	+	DNA molecules replication taces place
2)	-	synthesis of tubulin protein molecules occurs
3)	-	cytokinesis occurs
4)	-	cell growth, its differentiation and carrying main functions

**Задание №324**

What takes place during of Premitotic periods?

Выберите один из 4 вариантов ответа:

1)	+	synthesis of tubulin protein molecules and formation of division spindle occurs
2)	-	cytokinesis occurs

3)	-	cell growth, its differentiation and carrying main functions
4)	-	DNA molecules replication takes place

**Задание №325**

What takes place during Prophase of Mitosis?

Выберите один из 4 вариантов ответа:

1)	+	nucleolus disappears, nucleolemma destroyed and chromosomes enter the cytoplasm
2)	-	chromatids begin moving to opposite poles of the cell
3)	-	chromosomes are aligned along the equator and attached to the division spindle
4)	-	cytokinesis occurs

**Задание №326**

What takes place during Anaphase of Mitosis?

Выберите один из 4 вариантов ответа:

1)	+	chromatids begin moving to opposite poles of the cell
2)	-	nucleolus disappears, nucleolemma destroyed and chromosomes enter the cytoplasm
3)	-	chromosomes are aligned along the equator and attached to the division spindle
4)	-	cytokinesis occurs

**Задание №327**

What takes place during Metaphase of Mitosis?

Выберите один из 3 вариантов ответа:

1)	+	chromosomes are aligned along the equator and attached to the division spindle
2)	-	cytokinesis occurs
3)	-	chromatids begin moving to opposite poles of the cell

**Задание №328**

What takes place during Telophase of Mitosis?

Выберите один из 4 вариантов ответа:

1)	+	cytokinesis occurs
2)	-	chromatids begin moving to opposite poles of the cell
3)	-	nucleolus disappears, nucleolemma destroyed and chromosomes enter the cytoplasm
4)	-	chromosomes are aligned along the equator and attached to the division spindle

**Задание №329**

How many chromosomes contain cell after equatorial division of Meiosis?

Выберите один из 4 вариантов ответа:

1)	+	23
2)	-	46
3)	-	92
4)	-	26

**Задание №330**

How many chromosomes contain cell after division of Mitosis?

Выберите один из 4 вариантов ответа:

1)	+	46
2)	-	92
3)	-	23
4)	-	13

**Задание №331**

Name phase of Meiosis, when the crossingover takes place:

Выберите один из 4 вариантов ответа:

1)	+	pachytene
2)	-	diplotene
3)	-	diakinesis
4)	-	zygotene

**Задание №332**

Name phase of Meiosis, when the chromosomes begin to condense:

Выберите один из 4 вариантов ответа:

1)	+	leptotene
2)	-	diakinesis
3)	-	zygotene
4)	-	pachytene

**Задание №333**

Name phase of Meiosis, when the synaptonemal complex formation takes place:

Выберите один из 4 вариантов ответа:

1)	+	zygotene
2)	-	pachytene
3)	-	leptotene
4)	-	diakinesis

**Задание №334**

What is type cleavage in the human?

Выберите один из 4 вариантов ответа:		
1)	+	complete and asynchronous
2)	-	complete and synchronous
3)	-	incomplete and asynchronous
4)	-	incomplete and synchronous

Задание №335		
Morula consist of:		
Выберите один из 4 вариантов ответа:		
1)	+	12 - 16 blastomeres
2)	-	50 - 60 blastomeres
3)	-	107 - 110 blastomeres
4)	-	160 - 170 blastomeres

Задание №336		
Blastula consist of:		
Выберите один из 4 вариантов ответа:		
1)	+	blastomeres, blastoderm and blastocell
2)	-	morula, blastomeres and blastocell
3)	-	zygote, morula and blastocell
4)	-	zygote, embryoblast and trophoblast

Задание №337		
On the seventh day blastula consist of:		
Выберите один из 4 вариантов ответа:		
1)	+	107 blastomeres, from which 69 trophoblast, 8 embryoblast and 30 inner cell mass
2)	-	107 blastomeres, from which 69 trophoblast, 30 embryoblast and 8 inner cell mass
3)	-	127 blastomeres, from which 79 trophoblast, 18 embryoblast and 30 inner cell mass
4)	-	137 blastomeres, from which 79 trophoblast, 18 embryoblast and 40 inner cell mass

Задание №338		
What is implantation phases?		
Выберите один из 4 вариантов ответа:		
1)	+	adhesion and invasion
2)	-	ashesion and delamination

3)	-	invagination and invasion
4)	-	invagination and delamination

**Задание №339**

What is embryo fed with during vitelotrophic period?

Выберите один из 4 вариантов ответа:

1)	+	partly by oocyte nutrients, partly by secretion of uterine tube and endometrium glands
2)	-	nutritious substances and gas by mother's blood
3)	-	secretion of uterus glands and erosion products of endometrium tissues
4)	-	nutritious substances and gas by mother's milk

**Задание №340**

What is embryo fed with during histiotrophic period?

Выберите один из 4 вариантов ответа:

1)	+	secretion of uterus glands and erosion products of endometrium tissues
2)	-	nutritious substances and gas by mother's milk
3)	-	partly by oocyte nutrients, partly by secretion of uterine tube and endometrium glands
4)	-	nutritious substances and gas by mother's blood

**Задание №341**

What is embryo fed with during haematotrophic period?

Выберите один из 4 вариантов ответа:

1)	+	nutritious substances and gas by mother's blood
2)	-	secretion of uterus glands and erosion products of endometrium tissues
3)	-	partly by oocyte nutrients, partly by secretion of uterine tube and endometrium glands
4)	-	nutritious substances and gas by mother's milk

**Задание №342**

What is invasion?

Выберите один из 4 вариантов ответа:

1)	+	penetration of blastocyst into uterus mucosa
2)	-	formation of the morula
3)	-	formation of the blastocyste
4)	-	attachment of blastocyst between excretory ducts of uterus glands

**Задание №343**

What is adhesion?

Выберите один из 4 вариантов ответа:		
1)	+	attachment of blastocyst between excretory ducts of uterus glands
2)	-	formation of the blastocyste
3)	-	penetration of blastocyst into uterus mucosa
4)	-	formation of the morula

<b>Задание №344</b>		
The development of multi-cellular organism begins from?		
Выберите один из 4 вариантов ответа:		
1)	+	zigote
2)	-	blastula
3)	-	primary streak
4)	-	chorion

<b>Задание №345</b>		
What organelles are absence in cytoplasm of Female sex cell?		
Выберите один из 4 вариантов ответа:		
1)	+	centrosome
2)	-	mitochondria
3)	-	lysosomes
4)	-	granular (rough) endoplamic reticulum

<b>Задание №346</b>		
What is the structure of Alecithal oocyte?		
Выберите один из 3 вариантов ответа:		
1)	+	they don't contain yolk granules in the cytoplasm
2)	-	they are contain a little amount of yolk granules in the cytoplasm
3)	-	they are contain a large amount of yolk granules in the cytoplasm

<b>Задание №347</b>		
What is the structure of Telolecithal oocyte?		
Выберите один из 3 вариантов ответа:		
1)	+	they are contain a large amount of yolk granules in the cytoplasm
2)	-	they don't contain yolk granules in the cytoplasm
3)	-	they are contain a little amount of yolk granules in the cytoplasm

<b>Задание №348</b>		
What is the structure of Isolecithal oocyte?		
Выберите один из 3 вариантов ответа:		



1)	+	they are contain a little amount of yolk granules in the cytoplasm
2)	-	they are contain a large amount of yolk granules in the cytoplasm
3)	-	they don't contain yolk granules in the cytoplasm

#### Задание №349

Types of the Telolecithal oocyte?

Выберите один из 4 вариантов ответа:

1)	+	moderately telolecithal, centrolecithal, shaply telolecithal
2)	-	primary, centrolecithal, shaply telolecithal
3)	-	primery, secondary, moderately telolecithal
4)	-	moderately telolecithal, shaply telolecithal, secondary

#### Задание №350

A spermatozoon consists of?

Выберите один из 4 вариантов ответа:

1)	+	head, neck and tail
2)	-	head, neck, body and tail
3)	-	head, neck and body
4)	-	neck, body and tail

#### Задание №351

Function of acrosome enzymes?

Выберите один из 4 вариантов ответа:

1)	+	capable to dissolve the ovum membranes at the moment of fertilization
2)	-	erode glycoprotein covering of spermatozoon
3)	-	membrane of fertilization is formed
4)	-	they deprive the oocyte ability to move

#### Задание №352

Function of cortical granules of the oocyte?

Выберите один из 4 вариантов ответа:

1)	+	membrane of fertilization is formed
2)	-	erode glycoprotein covering of spermatozoon
3)	-	capable to dissolve the ovum membranes at the moment of fertilization
4)	-	they deprive the oocyte ability to move

#### Задание №353

Function of Androgamones?

Выберите один из 4 вариантов ответа:

1)	+	they deprive the oocyte ability to move
2)	-	erode glycoprotein covering of spermatozoon
3)	-	capable to dissolve the ovum membranes at the moment of fertilization
4)	-	membrane of fertilization is formed

**Задание №354**

What is formed during delamination?

Выберите один из 4 вариантов ответа:

1)	+	epiblast and hypoblast
2)	-	ectoderm, mesoderm
3)	-	entoderm, mesoderm
4)	-	ectoderm, mesoderm and entoderm

**Задание №355**

What are the ways of human gastrulation?

Выберите один из 4 вариантов ответа:

1)	+	delamination and immigration
2)	-	epiboly and delamination
3)	-	invagination and epiboly
4)	-	delamination, immigration and epiboly

**Задание №356**

Embryonic disk consists of:

Выберите один из 4 вариантов ответа:

1)	+	bottom of amniotic vesicle and roof of yolk sac
2)	-	bottom of yolk sac and roof of amniotic vesicle
3)	-	extraembryonic mesoderm and amniotic vesicle
4)	-	extraembryonic mesoderm and yolk sac

**Задание №357**

What is formed from hypoblast?

Выберите один из 4 вариантов ответа:

1)	+	extraembryonic entoderm
2)	-	extraembryonic mesoderm
3)	-	extraembryonic ectoderm
4)	-	embryonic ectoderm

**Задание №358**

What is formed from epiblast?

Выберите один из 4 вариантов ответа:		
1)	+	embryonic ectoderm and extraembryonic ectoderm
2)	-	morula
3)	-	extraembryonic entoderm
4)	-	cytotrophoblast

<b>Задание №359</b>		
What is formed from primary stripe?		
Выберите один из 4 вариантов ответа:		
1)	+	embryonic entoderm, extraembryonic mesoderm and embryonic mesoderm
2)	-	extraembryonic entoderm and extraembryonic mesoderm
3)	-	embryonic ectoderm, extraembryonic mesoderm and embryonic mesoderm
4)	-	extraembryonic mesoderm and yolk sac

<b>Задание №360</b>		
What is formed from dorsal mesoderm?		
Выберите один из 4 вариантов ответа:		
1)	+	dermatome, myotome, sclerotome
2)	-	dermatome, myotome, nephrotome
3)	-	splanchnotome, myotome, sclerotome
4)	-	extraembryonic entoderm and myotome

<b>Задание №361</b>		
What is formed from intermediate mesoderm?		
Выберите один из 4 вариантов ответа:		
1)	+	nephrotome
2)	-	splanchnotome, myotome, sclerotome
3)	-	dermatome, myotome, sclerotome
4)	-	extraembryonic entoderm and myotome

<b>Задание №362</b>		
What is formed from ventral mesoderm?		
Выберите один из 4 вариантов ответа:		
1)	+	coelom
2)	-	nephrotome
3)	-	dermatome, myotome, sclerotome
4)	-	extraembryonic ectoderm and myotome

<b>Задание №363</b>		
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Neural tube is formed from:

Выберите один из 3 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | embryonic ectoderm                             |
| 2) | - | extraembryonic entoderm                        |
| 3) | - | extraembryonic ectoderm and embryonic mesoderm |

**Задание №364**

What is structural components of the cytoplasm?

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | hyaloplasm, organelles and inclusions  |
| 2) | - | hyaloplasm, nucleus and inclusions     |
| 3) | - | nucleus, organelles and inclusions     |
| 4) | - | hyaloplasm, organelles and plasmolemma |

**Задание №365**

Mitochondria consist of?

Выберите один из 4 вариантов ответа:

- |    |   |                                   |
|----|---|-----------------------------------|
| 1) | + | two membranes, cristae, matrix    |
| 2) | - | two membranes, tubules, ribosomes |
| 3) | - | two membranes, tubules, cistern   |
| 4) | - | two membranes, tubules, sacs      |

**Задание №366**

Functions of the Mitochondria?

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | synthesis of the ATP molecules, synthesis of the steroid hormones   |
| 2) | - | synthesis of the ATP molecules, synthesis of the proteins           |
| 3) | - | metabolism of the lipids, synthesis of the steroid hormones         |
| 4) | - | detoxification of the harmful substances, synthesis of the proteins |

**Задание №367**

Lysosomes consist of?

Выберите один из 4 вариантов ответа:

- |    |   |                                |
|----|---|--------------------------------|
| 1) | + | membrane and enzymes           |
| 2) | - | two membranes, cristae, matrix |
| 3) | - | tubules, cistern               |
| 4) | - | membrane, tubules, sacs        |

**Задание №368**

### Functions of the Lysosomes?

Выберите один из 4 вариантов ответа:

1)	+	cell digestion
2)	-	synthesis of the ATP molecules, synthesis of the steroid hormones
3)	-	detoxification of the harmful substances, synthesis of the proteins
4)	-	cell digestion, synthesis of the proteins

### Задание №369

#### Granular (rough) Endoplamic Reticulum consist of?

Выберите один из 4 вариантов ответа:

1)	+	tubules, cistern and ribosomes
2)	-	two membranes, cristae, matrix
3)	-	two membranes, tubules, cistern
4)	-	two membranes, tubules, sacs

### Задание №370

#### Functions of the Granular (rough) Endoplamic Reticulum?

Выберите один из 4 вариантов ответа:

1)	+	synthesis of the proteins
2)	-	cell digestion
3)	-	synthesis of the ATP molecules, synthesis of the steroid hormones
4)	-	detoxification of the harmful substances

### Задание №371

#### Functions of the Agranular (smooth) Endoplamic Reticulum?

Выберите один из 4 вариантов ответа:

1)	+	detoxification of the harmful substances, metabolism of the lipids and carbohydrates
2)	-	synthesis of the proteins
3)	-	cell digestion
4)	-	synthesis of the ATP molecules, synthesis of the steroid hormones

### Задание №372

#### Functions of the Peroxisome?

Выберите один из 4 вариантов ответа:

1)	+	splits ethyl alcohol, uric acid, hydrogen peroxide
2)	-	synthesis of the proteins
3)	-	synthesis of the ATP molecules, synthesis of the steroid hormones
4)	-	detoxification of the harmful substances, metabolism of the lipids and

		carbohydrates
--	--	---------------

**Задание №373**

Functions of the Golgi bodies?

Выберите один из 4 вариантов ответа:

1)	+	connecting of the polysaccharides with the proteins, ripening of the secretion substances
2)	-	detoxification of the harmful substances, metabolism of the lipids and carbohydrates
3)	-	cell digestion
4)	-	synthesis of the ATP molecules, synthesis of the steroid hormones

**Задание №374**

Microfilaments consist of?

Выберите один из 4 вариантов ответа:

1)	+	proteins: actin, myosin, tropomyosin
2)	-	tubules, cistern and ribosomes
3)	-	two membranes, cristae, proteins: actin, myosin, tropomyosin
4)	-	two membranes, tubules, sacs

**Задание №375**

Functions of the Microfilaments?

Выберите один из 4 вариантов ответа:

1)	+	shortening of the muscle cells, moving of the organelles inside the cell
2)	-	synthesis of the proteins
3)	-	synthesis of the ATP molecules, synthesis of the steroid hormones
4)	-	detoxification of the harmful substances, metabolism of the lipids and carbohydrates

**Задание №376**

Microtubules consist of?

Выберите один из 4 вариантов ответа:

1)	+	tubulin protein molecules
2)	-	actin protein molecules
3)	-	myosin protein molecules
4)	-	two membranes, cristae, proteins: actin, myosin, tropomyosin

**Задание №377**

Functions of the Microtubules?

Выберите один из 4 вариантов ответа:

1)	+	construct organelles, providing of the transport inside the cell, form a cytoskeleton
2)	-	shortening of the muscle cells, moving of the organelles inside the cell
3)	-	providing the divergence of the chromosome during the cell division
4)	-	synthesis of the ATP molecules, synthesis of the steroid hormones

#### Задание №378

Cytocentrum (centrosome) consist of?

Выберите один из 4 вариантов ответа:

1)	+	two centrioles
2)	-	three centrioles
3)	-	two membranes, tubules, sacs
4)	-	proteins: actin, myosin, tropomyosin

#### Задание №379

Centrioles consist of?

Выберите один из 4 вариантов ответа:

1)	+	nine triplets of microtubules
2)	-	two centrosome
3)	-	nine duplets of microtubules
4)	-	basal body and axonema

#### Задание №380

Functions of the Cytocentrum (centrosome)?

Выберите один из 4 вариантов ответа:

1)	+	providing the divergence of the chromosome during the cell division
2)	-	construct organelles, providing of the transport inside the cell, form a cytoskeleton
3)	-	shortening of the muscle cells, moving of the organelles inside the cell
4)	-	detoxification of the harmful substances, metabolism of the lipids and carbohydrates

#### Задание №381

Axonema consist of?

Выберите один из 4 вариантов ответа:

1)	+	$(9 \times 2) + 2$ microtubules
2)	-	$(9 \times 2) + 0$ microtubules
3)	-	$(9 \times 3) + 2$ microtubules
4)	-	$(9 \times 3) + 3$ microtubules

**Задание №382**

Basal body consist of?

Выберите один из 4 вариантов ответа:

- |    |   |                               |
|----|---|-------------------------------|
| 1) | + | nine triplets of microtubules |
| 2) | - | cilia and flagella            |
| 3) | - | nine duplets of microtubules  |
| 4) | - | ten riplets of microtubules   |

**Задание №383**

What inclusions can be?

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | trophic, secretory, excretory, pigmentary |
| 2) | - | trophic, nucleus, pigmentary              |
| 3) | - | secretory, excretory, ribosomes           |
| 4) | - | trophic, mitochondria, lysosomes          |

**Задание №384**

Deciduous tunic of placenta is consists of:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | basal part, capsular part and parietal part                       |
| 2) | - | chorionic plate and chorionic villi                               |
| 3) | - | extraembryonic mesoderm and chorionic villi                       |
| 4) | - | monolayer epithelium, extraembryonic ectoderm and chorionic plate |

**Задание №385**

What is separates the fetus from uterus myometrium?

Выберите один из 4 вариантов ответа:

- |    |   |                                  |
|----|---|----------------------------------|
| 1) | + | basal part of deciduous tunic    |
| 2) | - | parietal part of deciduous tunic |
| 3) | - | capsular part of deciduous tunic |
| 4) | - | chorionic villi                  |

**Задание №386**

What is separates the fetus from uterus cavity?

Выберите один из 4 вариантов ответа:

- |    |   |                                  |
|----|---|----------------------------------|
| 1) | + | capsular part of deciduous tunic |
| 2) | - | parietal part of deciduous tunic |
| 3) | - | chorionic villi                  |



4)	-	basal part of deciduous tunic
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**Задание №387**

What is separates lacunae from each other?

Выберите один из 4 вариантов ответа:

1)	+	septa
2)	-	chorionic villi
3)	-	chorionic plate
4)	-	parietal part of deciduous tunic

**Задание №388**

Than is filled lacunae?

Выберите один из 4 вариантов ответа:

1)	+	maternal blood
2)	-	blood of the fetal
3)	-	loose connective tissue
4)	-	deciduous cells

**Задание №389**

Fetal part of placenta is consists of:

Выберите один из 4 вариантов ответа:

1)	+	villous chorion
2)	-	deciduous cells
3)	-	extraembryonic entoderm
4)	-	uterus myometrium

**Задание №390**

Villous chorion is consists of:

Выберите один из 4 вариантов ответа:

1)	+	chorionic plate and chorionic villi
2)	-	basal part, capsular part and parietal part
3)	-	monolayer epithelium, extraembryonic entoderm and chorionic plate
4)	-	lacunae and septa

**Задание №391**

Chorionic plate is consists of:

Выберите один из 4 вариантов ответа:

1)	+	monolayer epithelium and extraembryonic connective tissue
2)	-	syncytiotrophoblast and cytotrophoblast

3)	-	deciduous cells
4)	-	extraembryonic entoderm

**Задание №392**

Placental barrier NOT includes:

Выберите один из 4 вариантов ответа:

1)	+	maternal blood
2)	-	syncytiotrophoblast and cytotrophoblast
3)	-	connective tissue of villi
4)	-	wall of capillary

**Задание №393**

Umbilical cord is consists of:

Выберите один из 4 вариантов ответа:

1)	+	mucous tissue with two arteries and one vein
2)	-	mucous tissue with one artery and two veins
3)	-	epithelial tissue with two arteries and one vein
4)	-	epithelial tissue with one artery and two veins

**Задание №394**

Eukaryotic cells consist of?

Выберите один из 4 вариантов ответа:

1)	+	nucleus, cytoplasm, cell membrane
2)	-	cytoplasm, cell membrane, organelles
3)	-	nucleus, inclusions, cell membrane
4)	-	nucleus, cytoplasm, organelles

**Задание №395**

Elementary biological membrane consist of?

Выберите один из 4 вариантов ответа:

1)	+	two layers of lipid molecules and protein molecules
2)	-	three layers of lipid molecules and half protein molecules
3)	-	two layers of lipid molecules, protein molecules, microfilaments
4)	-	three layers of lipid molecules, half protein molecules, microtubules

**Задание №396**

Plasmolemma consist of?

Выберите один из 4 вариантов ответа:

1)	+	glycocalyx, elementary biological membrane, cortical layer
----	---	--

2)	-	lipid molecule, elementary biological membrane, cortical layer
3)	-	glycocalyx, cytoplasm, cortical layer
4)	-	glycocalyx, protein molecules, cortical layer

**Задание №397**

The upper layer of plasmolemma is called?

Выберите один из 4 вариантов ответа:

1)	+	glycocalyx
2)	-	glycolipid
3)	-	glycoprotein
4)	-	cortical layer

**Задание №398**

What function of the Zonular occludentes?

Выберите один из 4 вариантов ответа:

1)	+	barriers that prevent the movement of molecules into the intercellular spaces
2)	-	permits the passage of ions, amino acids, small molecules
3)	-	pass nervous impulses
4)	-	metabolism and information interchange between cells

**Задание №399**

What function of the Simple contact?

Выберите один из 4 вариантов ответа:

1)	+	metabolism and information interchange between cells
2)	-	barriers that prevent the movement of molecules into the intercellular spaces
3)	-	permits the passage of ions, amino acids, small molecules
4)	-	pass nervous impulses

**Задание №400**

What function of the Gap contact?

Выберите один из 4 вариантов ответа:

1)	+	permits the passage of ions, amino acids, small molecules
2)	-	metabolism and information interchange between cells
3)	-	barriers that prevent the movement of molecules into the intercellular spaces
4)	-	pass nervous impulses

**Задание №401**

What function of the Synapse?

Выберите один из 4 вариантов ответа:

1)	+	pass nervous impulses
2)	-	permits the passage of ions, amino acids, small molecules
3)	-	metabolism and information interchange between cells
4)	-	barriers that prevent the movement of molecules into the intercellular spaces

**Задание №402**

Symplastos consist of?

Выберите один из 4 вариантов ответа:

1)	+	big mass of cytoplasm and a plenty of nucleus
2)	-	cells which connected by cytoplasm bridges
3)	-	big mass of cytoplasm and one nucleus
4)	-	few cytoplasm and a plenty of nucleus

**Задание №403**

Sincytium consist of?

Выберите один из 4 вариантов ответа:

1)	+	cells which connected by cytoplasm bridges
2)	-	big mass of cytoplasm and a plenty of nucleus
3)	-	big mass of cytoplasm and one nucleus
4)	-	few cytoplasm and a plenty of nucleus

**Задание №404**

Amnion wall is composed of:

Выберите один из 4 вариантов ответа:

1)	+	extraembryonic mesoderm and extraembryonic ectoderm
2)	-	extraembryonic mesoderm and embryonic ectoderm
3)	-	extraembryonic entoderm and embryonic ectoderm
4)	-	embryonic ectoderm and extraembryonic ectoderm

**Задание №405**

Yolk sac wall is composed of:

Выберите один из 4 вариантов ответа:

1)	+	extraembryonic mesoderm and extraembryonic entoderm
2)	-	embryonic ectoderm and extraembryonic ectoderm
3)	-	embryonic ectoderm and extraembryonic entoderm
4)	-	extraembryonic ectoderm and extraembryonic mesoderm

**Задание №406**

Chorion wall is composed of:

Выберите один из 4 вариантов ответа:

1)	+	syncytiotrophoblast, cytotrophoblast and extraembryonic mesoderm
2)	-	syncytiotrophoblast, cytotrophoblast and embryonic mesoderm
3)	-	embryonic ectoderm and extraembryonic ectoderm
4)	-	extraembryonic mesoderm and embryonic ectoderm

**Задание №407**

Functions of the amnion?

Выберите один из 4 вариантов ответа:

1)	+	produces fluid, defences the fetus from mechanical injures
2)	-	participates in formation of vascular system of placenta
3)	-	gas exchange
4)	-	source of primary sex cells

**Задание №408**

Functions of inner layer of the yolk sac?

Выберите один из 4 вариантов ответа:

1)	+	source of primary sex cells
2)	-	participates in formation of vascular system of placenta
3)	-	the place of embryonic hemopoiesis
4)	-	gas exchange

**Задание №409**

Functions of external layer of the yolk sac?

Выберите один из 4 вариантов ответа:

1)	+	the place of embryonic hemopoiesis
2)	-	source of primary sex cells
3)	-	gas exchange
4)	-	participates in formation of vascular system of placenta

**Задание №410**

Functions of the allantois?

Выберите один из 4 вариантов ответа:

1)	+	participates in formation of vascular system of placenta, gas exchange
2)	-	produces fluid, defences the fetus from mechanical injures
3)	-	the place of embryonic hemopoiesis
4)	-	source of primary sex cells

**Задание №411**

Allantois wall is composed of:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | extraembryonic mesoderm and extraembryonic entoderm |
| 2) | - | extraembryonic mesoderm and embryonic ectoderm      |
| 3) | - | extraembryonic entoderm and embryonic ectoderm      |
| 4) | - | embryonic ectoderm and extraembryonic ectoderm      |

**Задание №412**

Primary villi is composed of:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | cytotrophoblast and syncytiotrophoblast   |
| 2) | - | cytotrophoblast, syncytiotrophoblast and extraembryonic mesoderm                |
| 3) | - | cytotrophoblast, syncytiotrophoblast, extraembryonic mesoderm and blood vessels |
| 4) | - | cytotrophoblast, syncytiotrophoblast and extraembryonic entoderm                |

**Задание №413**

Secondary villi is composed of:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | cytotrophoblast, syncytiotrophoblast and extraembryonic mesoderm                |
| 2) | - | cytotrophoblast, syncytiotrophoblast, extraembryonic mesoderm and blood vessels |
| 3) | - | cytotrophoblast, syncytiotrophoblast and extraembryonic entoderm                |
| 4) | - | cytotrophoblast and syncytiotrophoblast   |

**Задание №414**

Tertiary villi is composed of:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | cytotrophoblast, syncytiotrophoblast, extraembryonic mesoderm and blood vessels |
| 2) | - | cytotrophoblast, syncytiotrophoblast and extraembryonic entoderm                |
| 3) | - | cytotrophoblast and syncytiotrophoblast   |
| 4) | - | cytotrophoblast, syncytiotrophoblast and extraembryonic mesoderm                |

**Задание №415**

Functions of the Nucleus:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | storage, reproduction, transmission and realization of genetic information |
| 2) | - | storage, reproduction of genetic information and synthesis of the ATP      |

		molecules
3)	-	synthesis of the steroid hormones and realization of genetic information
4)	-	providing the divergence of the chromosome during the cell division

#### Задание №416

Nucleus consist of:

Выберите один из 4 вариантов ответа:

1)	+	nucleolemma, nucleoplasm, chromatin
2)	-	nucleolus, cytoplasm, cell membrane
3)	-	nucleoplasm, inclusions, cell membrane
4)	-	nucleolus, cytoplasm, organelles

#### Задание №417

Nucleolemma consist of:

Выберите один из 4 вариантов ответа:

1)	+	two biomembranes, perinuclear space and nuclear pores
2)	-	three biomembranes, perinuclear space and nuclear pores
3)	-	two membranes, cristaes, matrix
4)	-	two membranes, tubules, sacs

#### Задание №418

Chromatin consist of:

Выберите один из 4 вариантов ответа:

1)	+	heterochromatin, euchromatin
2)	-	nucleoplasm, nucleolus
3)	-	nucleolemma, DNA molecule
4)	-	heterochromatin, ribosomes

#### Задание №419

Nucleosoma consist of:

Выберите один из 4 вариантов ответа:

1)	+	site of DNA on the histone core
2)	-	eight histone molecules
3)	-	loop domain
4)	-	heterochromatin, euchromatin

#### Задание №420

Chromatin fibril consist of:

Выберите один из 4 вариантов ответа:

--	--	--

1)	+	nucleosomes
2)	-	loop domain
3)	-	heterochromatin, euchromatin
4)	-	two membranes, cristae, matrix

#### Задание №421

Nucleolus consist of:

Выберите один из 4 вариантов ответа:

1)	+	repeatedly replicated site of DNA
2)	-	eight histone molecules
3)	-	two membranes, cristae, matrix
4)	-	nucleolemma, nucleoplasm, chromatin

#### Задание №422

Functions of the Nucleolus:

Выберите один из 4 вариантов ответа:

1)	+	formation of ribosomal RNA and ribosome
2)	-	storage, reproduction, transmission and realization of genetic information
3)	-	synthesis of the steroid hormones and realization of genetic information
4)	-	providing the divergence of the chromosome during the cell division

#### Задание №423

Functions of the Nuclear pores:

Выберите один из 4 вариантов ответа:

1)	+	redulate the exchange of macromolecules and ribosome between cytoplasm and nucleus
2)	-	providing the divergence of the chromosome during the cell division
3)	-	formation of ribosomal RNA and ribosome
4)	-	detoxification of the harmful substances, metabolism of the lipids and carbohydrates

#### Задание №424

Nuclear pores contain:

Выберите один из 4 вариантов ответа:

1)	+	fibrillar-globular molecular complexes forming the diaphragms
2)	-	thirteen strings of tubulin protein molecules
3)	-	nine pairs of peripheral microtubules and one more central pair
4)	-	nine triplets of parallel microtubules



**Задание №425**

Name cells, which form structure of Cartilage Tissue:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | chondroblasts and chondrocytes                |
| 2) | - | chondroblasts and chondroclasts               |
| 3) | - | chondroclasts and chondrocytes                |
| 4) | - | chondroblasts, chondroclasts and chondrocytes |

**Задание №426**

Intercellular substance consists of:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | chondrin fibers, amorphous substance and water                 |
| 2) | - | chondroblasts, amorphous substance and water                   |
| 3) | - | cells, chondrin fibers, amorphous substance and water          |
| 4) | - | chondroblasts, chondroclasts, chondrocytes and chondrin fibers |

**Задание №427**

Cartilage tissues are divided into:

Выберите один из 4 вариантов ответа:

- |    |   |                                |
|----|---|--------------------------------|
| 1) | + | hyaline, elastic and fibrous   |
| 2) | - | hyaline, reticular and fibrous |
| 3) | - | hyaline, elastic and reticular |
| 4) | - | loose and dense                |

**Задание №428**

What is NOT structure feature of chondroblast?

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | differentiate into chondroclass              |
| 2) | - | situated in perichondrium                    |
| 3) | - | capable synthesis of intercellular substance |
| 4) | - | differentiate into chondrocytes              |

**Задание №429**

Name structure features of I type chondrocytes:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | large nucleus, capable of division and form isogenic groups of cells                          |
| 2) | - | organelles are well developed, synthesize glycosaminoglycans into the intercellular substance |
| 3) | - | nucleus is small, capable of collagen and elastin synthesis                                   |

4)	-	nucleus is small, capable synthesize glycosaminoglycans into the intercellular substance
----	---	--

**Задание №430**

Name structure features of II type chondrocytes:

Выберите один из 4 вариантов ответа:

1)	+	organelles are well developed, synthesize glycosaminoglycans into the intercellular substance
2)	-	nucleus is small, capable of collagen and elastin synthesis
3)	-	nucleus is small, capable synthesize glycosaminoglycans into the intercellular substance
4)	-	large nucleus, capable of division and form isogenic groups of cells

**Задание №431**

Name structure features of III type chondrocytes:

Выберите один из 4 вариантов ответа:

1)	+	nucleus is small, capable of collagen and elastin synthesis
2)	-	large nucleus, capable of division and form isogenic groups of cells
3)	-	organelles are well developed, synthesize glycosaminoglycans into the intercellular substance
4)	-	nucleus is large, capable synthesize glycosaminoglycans into the intercellular substance

**Задание №432**

What is structure feature of hyaline cartilage?

Выберите один из 4 вариантов ответа:

1)	+	chondrin fibers: collagenous and a few elastic fibers
2)	-	chondrin fibers: many elastic fibers, calcification of intercellular substance never occurs
3)	-	chondrin fibers: thick collagenous and little chondromucoid
4)	-	chondrocytes form columns and lie between bundles of fibers

**Задание №433**

What is structure feature of elastic cartilage?

Выберите один из 4 вариантов ответа:

1)	+	chondrin fibers: many elastic fibers, calcification of intercellular substance never occurs
2)	-	chondrin fibers: thick collagenous and little chondromucoid
3)	-	chondrocytes form columns and lie between bundles of fibers
4)	-	chondrin fibers: collagenous and a few elastic fibers

**Задание №434**

What is structure feature of fibrous cartilage?

Выберите один из 4 вариантов ответа:

1)	+	chondrocytes form columns and lie between bundles of fibers
2)	-	chondrin fibers: collagenous and a few elastic fibers
3)	-	chondrin fibers: many elastic fibers, calcification of intercellular substance never occurs
4)	-	isogenic groups of chondrocytes in the mature cartilage zone

**Задание №435**

Which cell is a connective tissue macrophage?

Выберите один из 5 вариантов ответа:

1)	+	Histiocyte
2)	-	Kupffer cells
3)	-	Dust cell
4)	-	Langerhans cell
5)	-	Microglia

**Задание №436**

Which of the following is NOT a fiber found in connective tissue?

Выберите один из 5 вариантов ответа:

1)	+	Purkinje fiber
2)	-	Collagen fiber
3)	-	Elastic fiber
4)	-	Reticular fiber
5)	-	All of the above are fibers found in connective tissue

**Задание №437**

Name components, which present in ectoplasm of fibroblasts:

Выберите один из 4 вариантов ответа:

1)	+	actin and myosin
2)	-	nucleus
3)	-	organelles
4)	-	intercellular substance

**Задание №438**

Name the function, which fibroblasts do not execute:

Выберите один из 4 вариантов ответа:

1)	+	amortization
2)	-	formation of the intercellular substance
3)	-	synthesis of collagenase and elastase
4)	-	synthesis of collagenous proteins and elastin

**Задание №439**

Function of protein - elastase:

Выберите один из 4 вариантов ответа:

1)	+	destroys of elastic fibers
2)	-	destroys histamine
3)	-	destroys of collagenous fibers
4)	-	formation of elastic fibers

**Задание №440**

Name cells in cytoplasm which heparin and histamine are present:

Выберите один из 4 вариантов ответа:

1)	+	tissue basophils
2)	-	plasmocytes
3)	-	macrophages
4)	-	adventitial cells

**Задание №441**

Name the function, which histamine do not execute:

Выберите один из 4 вариантов ответа:

1)	+	decreases permeability of the intercellular substance
2)	-	increases permeability of the intercellular substance
3)	-	increases permeability of the blood vessels
4)	-	contraction smooth muscle cells of bronchi

**Задание №442**

Name the function, which heparin do not execute:

Выберите один из 4 вариантов ответа:

1)	+	increases permeability of the intercellular substance
2)	-	decreases permeability of the intercellular substance
3)	-	anticoagulation
4)	-	anti-inflammatory action

**Задание №443**

Macrophages derive from:

Выберите один из 4 вариантов ответа:		
1)	+	monocytes
2)	-	plasmocytes
3)	-	B-lymphocytes
4)	-	T-lymphocytes

<b>Задание №444</b>		
Name the function, which macrophages do not execute:		
Выберите один из 4 вариантов ответа:		
1)	+	transfer antibodies from molecular form to corpuscular one and pass them to lymphocytes
2)	-	transfer antigens from corpuscular form to molecular one and pass them to lymphocytes
3)	-	phagocytosis
4)	-	syntheses of phagocytin, interferon, lysozyme

<b>Задание №445</b>		
Plasmatic cells are derived from:		
Выберите один из 4 вариантов ответа:		
1)	+	B-lymphocytes
2)	-	monocytes
3)	-	T-lymphocytes
4)	-	macrophages

<b>Задание №446</b>		
Function of plasmatic cells:		
Выберите один из 4 вариантов ответа:		
1)	+	syntheses of antibodies
2)	-	syntheses of antigens
3)	-	syntheses of phagocytin, interferon, lysozyme
4)	-	anticoagulation

<b>Задание №447</b>		
Pigmentocytes are derived from:		
Выберите один из 4 вариантов ответа:		
1)	+	neural crest
2)	-	monocytes
3)	-	plasmocytes
4)	-	B-lymphocytes

**Задание №448**

What is NOT structure feature of adipose cells?

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | central part of the cell is contains many organelles |
| 2) | - | nucleus is situated on the periphery of the cell     |
| 3) | - | many mitochondria                                    |
| 4) | - | central part of the cell is contains an fat droplet  |

**Задание №449**

Name the function, which adipose cells do not execute:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | formation of the intercellular substance |
| 2) | - | amortization                             |
| 3) | - | synthesize of lipase                     |
| 4) | - | fat storage                              |

**Задание №450**

Which of the following can be classified as "embryonic connective tissue"?

Выберите один из 5 вариантов ответа:

- |    |   |                          |
|----|---|--------------------------|
| 1) | + | Mucous connective tissue |
| 2) | - | Cartilage                |
| 3) | - | Adipose tissue           |
| 4) | - | Bone                     |
| 5) | - | Blood                    |

**Задание №451**

What type of tissue makes up the dermis of the skin?

Выберите один из 5 вариантов ответа:

- |    |   |                                   |
|----|---|-----------------------------------|
| 1) | + | Dense irregular connective tissue |
| 2) | - | Mucous connective tissue          |
| 3) | - | Mesenchyme                        |
| 4) | - | Loose irregular connective tissue |
| 5) | - | Dense regular connective tissue   |

**Задание №452**

What type of adipose tissue tends to increase as humans age?

Выберите один из 3 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | Unilocular adipose tissue and white adipose tissue |
|----|---|--|

2)	-	Brown adipose tissue
3)	-	Multilocular adipose tissue

**Задание №453**

Intercellular substance of connective tissue consists of:

Выберите один из 4 вариантов ответа:

1)	+	amorphous substance and fibers
2)	-	amorphous substance and cells
3)	-	cells and fibers
4)	-	symplast and syncytium

**Задание №454**

What is NOT structure feature of collagenous fibers?

Выберите один из 4 вариантов ответа:

1)	+	they can branch and form anastomoses with each other
2)	-	they form bunches
3)	-	contain 65% of water
4)	-	they have mechanical strength, but are subjected to the action of acids, alkalies

**Задание №455**

What is NOT structure feature of elastic fibers?

Выберите один из 4 вариантов ответа:

1)	+	they form bunches
2)	-	they can branch and form anastomoses with each other
3)	-	they have resistant to the action of acids, alkalies
4)	-	contain 90% of amorphous component

**Задание №456**

What is located between the bundles of collagenous fibers in the tendon?

Выберите один из 4 вариантов ответа:

1)	+	fibrocytes
2)	-	fibroblasts
3)	-	endotendineum
4)	-	peritendineum

**Задание №457**

What is located between the secondary bundles of collagenous fibers in the tendon?

Выберите один из 4 вариантов ответа:

1)	+	endotendineum
----	---	---------------

2)	-	fibroblasts
3)	-	peritendineum
4)	-	fibrocytes

**Задание №458**

What is NOT structure feature of dense nonformed connective tissue?

Выберите один из 4 вариантов ответа:

1)	+	amorphous substance is highly developed
2)	-	form reticular layer of derm
3)	-	collagenous fibers run in different direction
4)	-	elastic fibers are present too

**Задание №459**

What is NOT structure feature of brown adipose tissue?

Выберите один из 4 вариантов ответа:

1)	+	lipocytes form lobules
2)	-	lipocytes have a great number of mitochondria in cytoplasm
3)	-	lipocytes have small fat inclusions
4)	-	principal function is thermoregulation

**Задание №460**

What is NOT structure feature of reticular tissue?

Выберите один из 4 вариантов ответа:

1)	+	reticular fibers formed bundles
2)	-	form stroma of hemopoietic organs
3)	-	composed of reticular cells and reticular fibers
4)	-	reticular fibers formed network

**Задание №461**

What is structure feature of mucouse tissue?

Выберите один из 4 вариантов ответа:

1)	+	intercellular substance of mucouse tissue consists of amorphous substance
2)	-	intercellular substance of mucouse tissue consists of amorphous substance and elastic fibers
3)	-	intercellular substance consists of amorphous substance and collagenous fibers
4)	-	intercellular substance of mucouse tissue consists of fibers

**Задание №462**

Name the function, which adipose tissue executes:



Выберите один из 4 вариантов ответа:		
1)	+	fat disintegration is accompanied by water release
2)	-	fat disintegration is accompanied by protein release
3)	-	fat disintegration is accompanied by glycogen release
4)	-	fat disintegration is accompanied by fibers release

**Задание №463**

Name stage, which does not enter in process of secretion:

Выберите несколько из 9 вариантов ответа:

1)	+	entrance of the initial substances into the apical part of the secretory cell
2)	-	entrance of the initial substances into the basal part of the secretory cell
3)	-	synthesis and accumulation of secretion
4)	-	discharge of the secretion from the cell ?? What type of gland secretes its product through a duct or tube?
5)	+	Exocrine gland
6)	-	Endocrine gland
7)	-	Multicellular gland
8)	-	All of the above
9)	-	None of the above

**Задание №464**

What is a gland called if the secretory portion is flask shaped?

Выберите один из 5 вариантов ответа:

1)	+	Alveolar
2)	-	Simple gland
3)	-	Compound gland
4)	-	Tubular
5)	-	Tubuloalveolar

**Задание №465**

Merocrine type secretion:

Выберите один из 4 вариантов ответа:

1)	+	secretory product is discharged from the cell without the loss of cytoplasm
2)	-	apical part of the cell is torn away together with the secretion
3)	-	cell dies and is discharged as the secretion
4)	-	basal part of the cell is torn away together with the secretion

**Задание №466**

Apocrine type secretion:

Выберите один из 4 вариантов ответа:

1)	+	apical part of the cell is torn away together with the secretion
2)	-	secretory product is discharged from the cell without the loss of cytoplasm
3)	-	basal part of the cell is torn away together with the secretion
4)	-	cell dies and is discharged as the secretion

**Задание №467**

Holocrine type secretion:

Выберите один из 4 вариантов ответа:

1)	+	cell dies and is discharged as the secretion
2)	-	secretory product is discharged from the cell without the loss of cytoplasm
3)	-	basal part of the cell is torn away together with the secretion
4)	-	apical part of the cell is torn away together with the secretion

**Задание №468**

Exocrine glands consist of:

Выберите один из 4 вариантов ответа:

1)	+	secretory part and excretory duct
2)	-	only secretory part
3)	-	only excretory duct
4)	-	excretory duct and lymph vessels

**Задание №469**

Endocrine glands consist of:

Выберите один из 4 вариантов ответа:

1)	+	only secretory part
2)	-	excretory duct and lymph vessels
3)	-	only excretory duct
4)	-	secretory part and excretory duct

**Задание №470**

Name layer, which does not form transitional epithelium:

Выберите один из 4 вариантов ответа:

1)	+	granulose
2)	-	intermediate
3)	-	basal
4)	-	superficial

**Задание №471**

Name layer, which does not form stratified squamous nonkeratinized epithelium:

Выберите один из 4 вариантов ответа:

- |    |   |            |
|----|---|------------|
| 1) | + | corneum    |
| 2) | - | flat cells |
| 3) | - | basal      |
| 4) | - | spinosum   |

**Задание №472**

Name layer, which does not form stratified squamous keratinized epithelium:

Выберите один из 4 вариантов ответа:

- |    |   |            |
|----|---|------------|
| 1) | + | flat cells |
| 2) | - | basal      |
| 3) | - | spinosum   |
| 4) | - | lucidum    |

**Задание №473**

Transitional epithelium lines:

Выберите один из 4 вариантов ответа:

- |    |   |                      |
|----|---|----------------------|
| 1) | + | urogenital tracts    |
| 2) | - | esophagus            |
| 3) | - | stomach              |
| 4) | - | respiratory passages |

**Задание №474**

Squamous nonkeratinized epithelium lines:

Выберите один из 4 вариантов ответа:

- |    |   |                      |
|----|---|----------------------|
| 1) | + | cornea               |
| 2) | - | stomach              |
| 3) | - | respiratory passages |
| 4) | - | urinary bladder      |

**Задание №475**

Name process, which takes place into the 1 stage of direct osteogenesis:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | mesenchymal cells are divided and form an island                     |
| 2) | - | calcium salt are deposited in the intercellular substance            |
| 3) | - | osteoblasts differentiate into osteocytes                            |
| 4) | - | reconstruction of rough fibrous sponge bone into laminae spongy bone |

**Задание №476**

Name process, which takes place into the 2 stage of direct osteogenesis:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | the island cells differentiate into osteoblasts and osteocytes       |
| 2) | - | calcium salt are deposited in the intercellular substance            |
| 3) | - | reconstruction of rough fibrous sponge bone into laminae spongy bone |
| 4) | - | form osseous laminae   |

**Задание №477**

Name process, which takes place into the 4 stage of direct osteogenesis:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | reconstruction of rough fibrous sponge bone into laminae spongy bone |
| 2) | - | mesenchymal cells are divided and form an island                     |
| 3) | - | calcium salt are deposited in the intercellular substance            |
| 4) | - | rough fibrous sponge bone is formed                                  |

**Задание №478**

Name process, which does not take place into the 3 stage of direct osteogenesis:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | reconstruction of rough fibrous sponge bone into laminae spongy bone |
| 2) | - | osteoblasts differentiate into osteocytes                            |
| 3) | - | rough fibrous sponge bone is formed                                  |
| 4) | - | form osseous laminae   |

**Задание №479**

Name process, which takes place into the 1 stage of indirect osteogenesis:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | cartilagineous model of bone formed             |
| 2) | - | mineralization of intercellular substance occur |
| 3) | - | medulla cavity arises                           |
| 4) | - | formation of epiphisial center of ossification  |

**Задание №480**

Name process, which takes place into the 5 stage of indirect osteogenesis:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | rough fibrous tissue converts into laminae one, form - compact and spongy substances |
| 2) | - | medulla cavity arises  |
| 3) | - | formation of epiphisial center of ossification                                       |

4)	-	endochondrial ossification occur
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**Задание №481**

Name process, which does not take place into the 2 stage of indirect osteogenesis:

Выберите один из 4 вариантов ответа:

1)	+	formation of epiphysial center of ossification
2)	-	osteoblasts produce perichondrial rough fibrous spongy bone
3)	-	formation of diaphyseal center of ossification
4)	-	cartilagineous tissue erodes

**Задание №482**

Name process, which does not take place into the 4 stage of indirect osteogenesis:

Выберите один из 4 вариантов ответа:

1)	+	formation of diaphyseal center of ossification
2)	-	formation of epiphysial center of ossification
3)	-	formation of rough fibrous osseous tissue in epiphysis
4)	-	cartilagineous tissue erosion of the epiphysis

**Задание №483**

Name process, which does not take place into the 3 stage of indirect osteogenesis:

Выберите один из 4 вариантов ответа:

1)	+	rough fibrous tissue converts into laminae one, form - compact and spongy substances
2)	-	medulla cavity arises
3)	-	osteoblasts form rough fibrous osseous tissue in the bone diaphysis
4)	-	endochondrial ossification occur

**Задание №484**

Name zone, which does not form metaepiphysial lamella:

Выберите один из 4 вариантов ответа:

1)	+	Cuboidal cartilage zone
2)	-	unchanged cartilage zone
3)	-	columnar cartilage zone
4)	-	vesical cartilage zone

**Задание №485**

What is a structural and functional unit of the skeletal muscle tissue?

Выберите один из 4 вариантов ответа:

1)	+	muscle fiber
----	---	--------------

2)	-	myocyte
3)	-	actin
4)	-	tropomyosin

**Задание №486**

What is a structural and functional unit of the myofibrils?

Выберите один из 4 вариантов ответа:

1)	+	sarcomere
2)	-	muscle fiber
3)	-	myocyte
4)	-	actin

**Задание №487**

What is a structural and functional unit of smooth muscle tissue?

Выберите один из 4 вариантов ответа:

1)	+	myocyte
2)	-	sarcomere
3)	-	muscle fiber
4)	-	sarcoplasm

**Задание №488**

Name the organell, which performs the function of the depot of the Ca<sup>2+</sup>:

Выберите один из 4 вариантов ответа:

1)	+	sarcoplasmic reticulum
2)	-	ribosomes
3)	-	Golgy complex
4)	-	mitochondria

**Задание №489**

What structure of muscle fiber takes part in spreading of nerve impulse?

Выберите один из 4 вариантов ответа:

1)	+	T-tubules
2)	-	sarcoplasm
3)	-	sarcoplasmic reticulum
4)	-	basal membrane

**Задание №490**

Name the structure of A-disc:

Выберите один из 4 вариантов ответа:

1)	+	myosin filaments, actin filaments, M-line
2)	-	actin filaments, Z-line
3)	-	myosin filaments, M-line
4)	-	myosin filaments, actin filaments, Z-line

**Задание №491**

Name the structure of I-disc:

Выберите один из 4 вариантов ответа:

1)	+	actin filaments, Z-line
2)	-	myosin filaments, actin filaments, M-line
3)	-	myosin filaments, M-line
4)	-	myosin filaments, actin filaments, Z-line

**Задание №492**

What is NOT present in myosin filaments?

Выберите один из 4 вариантов ответа:

1)	+	F-actin
2)	-	the heads of myosine
3)	-	light meromyosin
4)	-	heavy meromyosin

**Задание №493**

What is NOT present in actin filaments?

Выберите один из 4 вариантов ответа:

1)	+	the heads of myosine
2)	-	F-actin
3)	-	troponin
4)	-	tropomyosin

**Задание №494**

Name the main structure of muscle contraction:

Выберите один из 4 вариантов ответа:

1)	+	myofibril
2)	-	sarcoplasmic reticulum
3)	-	sarcolemma
4)	-	T-tubule

**Задание №495**

What is not entering to mechanism of muscle contraction?

Выберите один из 4 вариантов ответа:		
1)	+	ATP attaches to the head of myosin and contraction of the elastic component movement occurs
2)	-	in the head of myosine the ATP molecule breaks down to ADP and inorganic phosphate
3)	-	the heads of myosine attaches to the active centres of actin
4)	-	ADP and P leave the head and contraction of the elastic component movement occurs

<b>Задание №496</b>		
What is a structural and functional unit of the nervous tissue?		
Выберите один из 4 вариантов ответа:		
1)	+	neuron
2)	-	perikarion
3)	-	oligodendrocyte
4)	-	axon

<b>Задание №497</b>		
All these function performed by nervous tissue EXCEPT?		
Выберите один из 4 вариантов ответа:		
1)	+	deposit fats, which are used in energetic metabolism
2)	-	the ability to perceive irritation
3)	-	nervous impulse transmission
4)	-	storage of information

<b>Задание №498</b>		
What is the chromatophilic substance?		
Выберите один из 4 вариантов ответа:		
1)	+	granular endoplasmic reticulum
2)	-	smooth endoplasmic reticulum
3)	-	Golgy complex
4)	-	pigment inclusions

<b>Задание №499</b>		
Name the types of neurons according to the functional classification:		
Выберите один из 4 вариантов ответа:		
1)	+	afferent, associative, efferent
2)	-	pseudounipolar, associative, efferent
3)	-	afferent, efferent



4)	-	multipolar, afferent, bipolar
----	---	-------------------------------

**Задание №500**

Name the types of neurons according to the morphological classification:

Выберите один из 4 вариантов ответа:

1)	+	pseudounipolar, multipolar, bipolar, unipolar
2)	-	sensory, intercalatine, motor
3)	-	unipolar, efferent, afferent
4)	-	bipolar, unipolar, assotiative

**Задание №501**

Composition of multipolar neuron:

Выберите один из 4 вариантов ответа:

1)	+	body of the nervous cell, one axon and many dendrites
2)	-	perikaryon and two processes - axon and dendrite
3)	-	body of the nervous cell and only one process
4)	-	perikaryon, many axons and many dendrites

**Задание №502**

Localization of the chromatophilic substance:

Выберите один из 4 вариантов ответа:

1)	+	in perikaryon and dendrites of nervous cell
2)	-	in perikaryon and axon of nervous cell
3)	-	in dendrites and axon of nervous cell
4)	-	in perikaryon, dendrites and axon of nervous cell

**Задание №503**

What is perikaryon?

Выберите один из 4 вариантов ответа:

1)	+	the body of the nerve cell
2)	-	diverticulum and branching of the nerve cell cytoplasm
3)	-	the body of the nerve cell and only one process - axon
4)	-	the sites of lemmocytes contacts

**Задание №504**

In what direction efferent (motor) neurons transmit nervous impuls?

Выберите один из 4 вариантов ответа:

1)	+	only to the working organ
2)	-	to the afferent (sensory) neurons

3)	-	to the associative (intercalatine) neurons
4)	-	sometimes to the working organ, sometimes in the opposite direction

**Задание №505**

Name the special organelles in cytoplasm of neuron:

Выберите один из 4 вариантов ответа:

1)	+	chromatophilic substance and neurofibrills
2)	-	chromatophilic substance and melanin inclusions
3)	-	neurofibrills and carbohydrates (glycogen)
4)	-	melanin inclusions, carbohydrates (glycogen) and various secrets

**Задание №506**

Name the cells of macroglia:

Выберите один из 4 вариантов ответа:

1)	+	astrocytes, ependymocytes, oligodendrocytes
2)	-	astrocytes, ependymocytes, glial macrophages
3)	-	oligodendrocytes, glial macrophages, neurons
4)	-	lemmocytes, neurons, astrocytes

**Задание №507**

Name the main function of microglia:

Выберите один из 4 вариантов ответа:

1)	+	phagocytosis
2)	-	provides the transport of substances and performs trophic function
3)	-	participates in the formation of the nerve fiber sheaths
4)	-	participates in the formation and regulation of the cerebrospinal fluid composition

**Задание №508**

Name the main function of oligodendrocytes:

Выберите один из 4 вариантов ответа:

1)	+	participates in the formation of the nerve fiber sheaths
2)	-	participates in the formation and regulation of the cerebrospinal fluid composition
3)	-	provides the transport of substances and performs trophic function
4)	-	phagocytosis

**Задание №509**

What is mesaxon?

Выберите один из 4 вариантов ответа:

1)	+	a double fold of the lemmocyte plasmolemma (Schwann`s cell)
2)	-	axis cylinder, myelinated sheath, neurolemma and the basal membrane
3)	-	the sites of lemmocytes contacts
4)	-	body of the nervous cell and a double fold of the lemmocyte plasmolemma

#### Задание №510

What are the node isthmuses (Ranvier isthmuses)?

Выберите один из 4 вариантов ответа:

1)	+	the sites of lemmocytes contacts in myelinated nervous fiber
2)	-	a double fold of the lemmocyte plasmolemma (Schwann`s cell)
3)	-	diverticulum and branching of the nerve cell cytoplasm
4)	-	terminal branches of nerve processes

#### Задание №511

Name the types of receptors depending on the types of the stimulation:

Выберите один из 4 вариантов ответа:

1)	+	thermoreceptors, chemoreceptors, mechanoreceptors
2)	-	proprioceptors, interoceptors, chemoreceptors
3)	-	exteroceptors, mechanoreceptors, proprioceptors
4)	-	thermoreceptors, exteroceptors, interoceptors

#### Задание №512

Composition of myelinated nerve fiber:

Выберите один из 4 вариантов ответа:

1)	+	axis cylinder, myelinated sheath, neurolemma and the basal membrane
2)	-	a double fold of the lemmocyte plasmolemma (Schwann`s cell)
3)	-	perikaryon of the nervous cell, myelinated sheath, neurolemma and the basal membrane
4)	-	axis cylinder and cytolemma of Schwann`s cell

#### Задание №513

What is internodal segment?

Выберите один из 4 вариантов ответа:

1)	+	the site between two node isthmuses (Ranvier isthmus), correspondends to one Schwann`s cell
2)	-	the sites of lemmocytes contacts in myelinated nervous fiber
3)	-	a double fold of the lemmocyte plasmolemma (Schwann`s cell)
4)	-	diverticulum and branching of the nerve cell cytoplasm

**Задание №514**

In unmyelinated nerve fiber the nerve impulse:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | passes continuously along the entire cytolemma   |
| 2) | - | arise only in the site of node isthmuses and passes not continuously, but intermittently |
| 3) | - | passes continuously in the site of node isthmuses  |
| 4) | - | passes intermittently along the entire cytolemma   |

**Задание №515**

Name structure of nerve fiber, which provides the transmission of the nerve impulse:

Выберите один из 4 вариантов ответа:

- |    |   |                |
|----|---|----------------|
| 1) | + | axolemma       |
| 2) | - | neurolemma     |
| 3) | - | myelin sheath  |
| 4) | - | basal membrane |

**Задание №516**

What is neurolemma?

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | the cytoplasm of the lemmocyte and its nucleus                       |
| 2) | - | the cytolemma of the axis cylinder                                   |
| 3) | - | myelin sheath  |
| 4) | - | the axis cylinder and the cytoplasm of the lemmocyte and its nucleus |

**Задание №517**

In myelinated nerve fiber the nerve impulse:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | arise only in the site of node isthmuses and passes not continuously, but intermittently |
| 2) | - | passes continuously along the entire cytolemma   |
| 3) | - | passes continuously in the site of node isthmuses  |
| 4) | - | passes intermittently along the entire cytolemma   |

**Задание №518**

What arises from totipotent cell?

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | all cells in human organism               |
| 2) | - | several types of cells, but not all types |

3)	-	only one type of cells
4)	-	zygote

**Задание №519**

What arises from polypotent cell?

Выберите один из 4 вариантов ответа:

1)	+	several types of cells, but not all types
2)	-	only one type of cells
3)	-	zygote
4)	-	all cells in human organism

**Задание №520**

What arises from unipotent cell?

Выберите один из 4 вариантов ответа:

1)	+	only one type of cells
2)	-	zygote
3)	-	all cells in human organism
4)	-	several types of cells, but not all types

**Задание №521**

What is determination?

Выберите один из 4 вариантов ответа:

1)	+	programmed cell development on a gene level
2)	-	restoration of the structure of cell, tissue, organ
3)	-	aggregate of cells, which are successively formed from the stem cell till mature specialized cells
4)	-	synthesis of special proteins occurs, which determine morphofunctional features of cells

**Задание №522**

What is differentiation?

Выберите один из 4 вариантов ответа:

1)	+	synthesis of special proteins occurs, which determine morphofunctional features of cells
2)	-	restoration of the structure of cell, tissue, organ
3)	-	aggregate of cells, which are successively formed from the stem cell till mature specialized cells
4)	-	programmed cell development on a gene level

**Задание №523**

What is differone?

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | aggregate of cells, which are successively formed from the stem cell till mature specialized cells |
| 2) | - | programmed cell development on a gene level  |
| 3) | - | synthesis of special proteins occurs, which determine morphofunctional features of cells           |
| 4) | - | restoration of the structure of cell, tissue, organ  |

**Задание №524**

What is regeneration?

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | restoration of the structure of cell, tissue, organ  |
| 2) | - | programmed cell development on a gene level  |
| 3) | - | synthesis of special proteins occurs, which determine morphofunctional features of cells           |
| 4) | - | aggregate of cells, which are successively formed from the stem cell till mature specialized cells |

**Задание №525**

What is NOT structure features of epithelial tissue?

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | intercellular substance is well development       |
| 2) | - | epithelium is lie on the basal membrane           |
| 3) | - | lack blood and lymph vessels within of epithelium |
| 4) | - | functional and morphological polarity is present  |

**Задание №526**

What is NOT a function of epithelial tissue?

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | phagocytosis of microorganisms                    |
| 2) | - | receptor  |
| 3) | - | absorption, secretion and excretion of substances |
| 4) | - | participate in water-salt metabolism              |

**Задание №527**

What does monolayer flat epithelium form?

Выберите один из 4 вариантов ответа:

- |    |   |             |
|----|---|-------------|
| 1) | + | mesothelium |
|----|---|-------------|

2)	-	small bronchi
3)	-	cornea
4)	-	uterine tubes

**Задание №528**

Simple cuboidal epithelium is found in:

Выберите один из 4 вариантов ответа:

1)	+	kidney tubules
2)	-	uterine tubes
3)	-	respiratory passages
4)	-	stomach

**Задание №529**

Pseudostratified epithelium lines:

Выберите один из 4 вариантов ответа:

1)	+	respiratory passages
2)	-	uterine tubes
3)	-	stomach
4)	-	kidney tubules

**Задание №530**

Name cells, which are distinguished in the pseudostratified epithelium:

Выберите один из 4 вариантов ответа:

1)	+	ciliated, intercalated, mucous and endocrine
2)	-	intercalated, mucous and ciliated
3)	-	striated, intercalated, mucous and endocrine
4)	-	ciliated, intercalated, mucous and exocrine

**Задание №531**

When using a compound microscope, objective lenses can be found to have a magnification of all of the following, EXCEPT?

Выберите один из 5 вариантов ответа:

1)	+	1000X
2)	-	4X
3)	-	10X
4)	-	40X
5)	-	100X

**Задание №532**

What is "compound microscope"?

Выберите один из 5 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | Microscope with two lenses                           |
| 2) | - | Microscope with the capability to view oil immersion |
| 3) | - | Microscope with the capability to view compounds     |
| 4) | - | Microscope with a single lens                        |
| 5) | - | Microscope with three lenses                         |

**Задание №533**

What is the total magnification achieved with a compound microscope?

Выберите один из 5 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | Magnification of ocular lens multiplied by the magnification of the objective lens    |
| 2) | - | Magnification of objective lens   |
| 3) | - | Magnification of ocular lens  |
| 4) | - | Magnification of ocular lens added to the magnification of the objective lens         |
| 5) | - | Magnification of condenser lens multiplied by the magnification of the objective lens |

**Задание №534**

What is the maximum resolving power seen with a compound microscope?

Выберите один из 3 вариантов ответа:

- |    |   |               |
|----|---|---------------|
| 1) | + | 2 micrometers |
| 2) | - | 2 millimeters |
| 3) | - | 2 angstroms   |

**Задание №535**

What is the turret?

Выберите один из 5 вариантов ответа:

- |    |   |           |
|----|---|-----------|
| 1) | + | Nosepiece |
| 2) | - | Base      |
| 3) | - | Stage     |
| 4) | - | Tube      |
| 5) | - | Diaphragm |

**Задание №536**

On a microscope, what structure connects the eyepiece to the objective lens?

Выберите один из 5 вариантов ответа:

- |    |   |      |
|----|---|------|
| 1) | + | Tube |
|----|---|------|



2)	-	Base
3)	-	Nosepiece
4)	-	Stage
5)	-	Diaphragm

**Задание №537**

What is this phenomenon called?

Выберите один из 5 вариантов ответа:

1)	+	Parfocal
2)	-	Unifocal
3)	-	Bifocal
4)	-	Focused
5)	-	Convergent

**Задание №538**

What is another name for the light microscope?

Выберите один из 5 вариантов ответа:

1)	+	Compound microscope
2)	-	Simple microscope
3)	-	Phase contrast microscope
4)	-	Dissection microscope
5)	-	Transmission electron microscope

**Задание №539**

Which microscope does not rely on visible light?

Выберите один из 5 вариантов ответа:

1)	+	Transmission electron microscope
2)	-	Simple microscope
3)	-	Compound microscope
4)	-	Phase contrast microscope
5)	-	Dissection microscope

**Задание №540**

Which microscope makes things appear three dimensional?

Выберите один из 5 вариантов ответа:

1)	+	Dissection microscope
2)	-	Simple microscope
3)	-	Compound microscope

4)	-	Phase contrast microscope
5)	-	Transmission electron microscope

**Задание №541**

Which of the following stain blue with H&E stain?

Выберите один из 5 вариантов ответа:

1)	+	Nucleus
2)	-	Cytoplasm
3)	-	Collagen fibers
4)	-	Elastic fibers
5)	-	Decalcified bone matrix

**Задание №542**

What are Sudan stains used primarily for?

Выберите один из 5 вариантов ответа:

1)	+	Fat
2)	-	Blood
3)	-	Nervous tissue
4)	-	Elastic fibers
5)	-	Decalcified bone matrix

**Задание №543**

What is Mucicarmine stain used primarily for?

Выберите один из 5 вариантов ответа:

1)	+	Epithelial mucin
2)	-	Blood
3)	-	Fat
4)	-	Nervous tissue
5)	-	Elastic fibers

**Задание №544**

What is Wright's stain used primarily for?

Выберите один из 5 вариантов ответа:

1)	+	Blood
2)	-	Fat
3)	-	Nervous tissue
4)	-	Elastic fibers
5)	-	Decalcified bone matrix

**Задание №545**

What color do elastic fibers stain with Verhoeff Elastic stain?

Выберите один из 5 вариантов ответа:

1)	+	Blue/black
2)	-	Red/Orange
3)	-	Pink/red
4)	-	Purple/Red
5)	-	Green/blue

**Задание №546**

During the preparation of a routine H&E slide, what step occurs after the tissue is preserved?

Выберите один из 5 вариантов ответа:

1)	+	Dehydration
2)	-	Fixation
3)	-	Embedding in paraffin
4)	-	Staining
5)	-	Slicing

**Задание №547**

During the preparation of a routine H&E slide, how is the tissue preserved?

Выберите один из 5 вариантов ответа:

1)	+	Fixation
2)	-	Embedding in paraffin
3)	-	Staining
4)	-	Slicing
5)	-	Dehydration

**Задание №548**

During the preparation of a routine H&E slide, what allows the tissue to be visualized?

Выберите один из 5 вариантов ответа:

1)	+	Staining
2)	-	Fixation
3)	-	Embedding in paraffin
4)	-	Slicing
5)	-	Dehydration

**Задание №549**

Which of the following would be best suited to visualize reticular fibers?

Выберите один из 5 вариантов ответа:		
1)	+	Silver impregnation
2)	-	Wright's stain
3)	-	Hematoxylin and eosin stain
4)	-	Sudan stain
5)	-	Masson's trichrome stain

<b>Задание №550</b>		
Which of the following would be best suited to visualize lipid?		
Выберите один из 5 вариантов ответа:		
1)	+	Sudan stain
2)	-	Wright's stain
3)	-	Hematoxylin and eosin stain
4)	-	Silver impregnation
5)	-	Masson's trichrome stain

Группа: EN THEORY II sem 20.qst

<b>Задание №551</b>		
Where is the primary site for absorption of nutrients?		
Выберите один из 4 вариантов ответа:		
1)	+	Small intestine
2)	-	Stomach
3)	-	Ascending colon
4)	-	Descending colon

<b>Задание №552</b>		
What are the finger like projections of mucosa that are seen in the small intestine?		
Выберите один из 5 вариантов ответа:		
1)	+	Villi
2)	-	Lacteal
3)	-	Crypts of Lieberkuhn
4)	-	Plicae circulares
5)	-	Striated border

<b>Задание №553</b>		
What is the lymphatic capillary within a villus of the small intestine called?		
Выберите один из 5 вариантов ответа:		
1)	+	Lacteal

2)	-	Crypts of Lieberkuhn
3)	-	Plicae circulares
4)	-	Striated border
5)	-	Villi

**Задание №554**

Intestinal villus - are:

Выберите один из 4 вариантов ответа:

1)	+	fingers protrusion of a mucous tunic in the intestine space
2)	-	tubular pitting of epithelium in lamina propria
3)	-	tubular pitting of epithelium in submucousa tunic
4)	-	alveolar pitting of epithelium in submucousa tunic

**Задание №555**

Intestinal crypts - are:

Выберите один из 4 вариантов ответа:

1)	+	tubular pitting of epithelium in lamina propria
2)	-	tubular pitting of epithelium in submucousa tunic
3)	-	fingers protrusion of a mucous tunic in the intestine space
4)	-	alveolar pitting of epithelium in submucousa tunic

**Задание №556**

Intestinal villus - are composed of:

Выберите один из 4 вариантов ответа:

1)	+	epithelium and lamina propria
2)	-	only epithelium
3)	-	epithelium, lamina propria and muscular lamina of mucoustunic
4)	-	mucous tunic and submucous tunic

**Задание №557**

Function of the edging cells:

Выберите один из 4 вариантов ответа:

1)	+	to provide parietal digestion
2)	-	synthesize hydrogen and chlorine ions
3)	-	synthesize mucous
4)	-	synthesize dipeptidas

**Задание №558**

Function of the goblet cells:

Выберите один из 4 вариантов ответа:

1)	+	synthesize mucous
2)	-	synthesize nonactive form of enzymes
3)	-	to provide parietal digestion
4)	-	synthesize hydrogen and chlorine ions

**Задание №559**

Function of the cells with acidophile granules (Paneth):

Выберите один из 4 вариантов ответа:

1)	+	synthesize dipeptidas
2)	-	to provide parietal digestion
3)	-	synthesize hydrogen and chlorine ions
4)	-	synthesize mucous

**Задание №560**

Name part of intestine, where in the submucous tunicglands are located:

Выберите один из 4 вариантов ответа:

1)	+	duodenum
2)	-	sigmoid colon
3)	-	jejunum
4)	-	ileum

**Задание №561**

Function of the duodenal glands:

Выберите один из 4 вариантов ответа:

1)	+	neutralize the hydrochloric acid and carbohydrate cleavage
2)	-	carbohydrate and albumen cleavage
3)	-	synthesize hydrogen and chlorine ions
4)	-	provides parietal digestion

**Задание №562**

Function of the prismatic (absorptive) cells in the large intestine:

Выберите один из 4 вариантов ответа:

1)	+	to provide the process of absorbing
2)	-	neutralize the hydrochloric acid and carbohydrate cleavage
3)	-	synthesize dipeptidas
4)	-	synthesize mucous

**Задание №563**

Name cells, which are absent in the intestinal crypts of the large intestine:

Выберите один из 4 вариантов ответа:

- |    |   |                              |
|----|---|------------------------------|
| 1) | + | edging cells                 |
| 2) | - | endocrine cells              |
| 3) | - | goblet cells                 |
| 4) | - | prismatic (absorptive) cells |

**Задание №564**

What type of epithelium is in ampoule part of the rectum:

Выберите один из 4 вариантов ответа:

- |    |   |                                  |
|----|---|----------------------------------|
| 1) | + | monolayer prismatic              |
| 2) | - | stratified flat non-keratinizing |
| 3) | - | stratified flat keratinizing     |
| 4) | - | pseudostratified ciliated        |

**Задание №565**

What type of epithelium is in lower part of the anal canal:

Выберите один из 4 вариантов ответа:

- |    |   |                                  |
|----|---|----------------------------------|
| 1) | + | stratified flat keratinizing     |
| 2) | - | monolayer prismatic glandular    |
| 3) | - | pseudostratified ciliated        |
| 4) | - | stratified flat non-keratinizing |

**Задание №566**

Where are anal glands located:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | in the submucous tunic of anal canal                            |
| 2) | - | in the lamina propria of the anal canal mucosa tunic            |
| 3) | - | in the submucous tunic of ampoule part of rectum                |
| 4) | - | in the lamina propria of mucosa tunic of ampoule part of rectum |

**Задание №567**

Name hormone, which is NOT produced by cortical substance of the adrenal glands:

Выберите один из 4 вариантов ответа:

- |    |   |                    |
|----|---|--------------------|
| 1) | + | noradrenalin       |
| 2) | - | mineralocorticoids |
| 3) | - | glucocorticoids    |
| 4) | - | estrogen           |

**Задание №568**

Name hormone, function of which is supporting Na and Cabalance in the organism:

Выберите один из 4 вариантов ответа:

1)	+	aldosteron
2)	-	cortisone
3)	-	somatostatin
4)	-	androgen

**Задание №569**

Name hormone, function of which is suppressing the allergic and inflammatory reactions:

Выберите один из 4 вариантов ответа:

1)	+	glucocorticoids
2)	-	mineralocorticoids
3)	-	thyroxin
4)	-	progesterone

**Задание №570**

Name hormone, which intensifies the inflammatory reaction of the connective tissue:

Выберите один из 4 вариантов ответа:

1)	+	mineralocorticoids
2)	-	adrenalin
3)	-	glucocorticoids
4)	-	noradrenalin

**Задание №571**

Name hormone, which intensifies the energetic metabolism in the cells:

Выберите один из 4 вариантов ответа:

1)	+	corticosteron
2)	-	aldosteron
3)	-	estrogen
4)	-	somatostatin

**Задание №572**

Name hormone, which is produced by endocrinocyti of zone glomerulosa:

Выберите один из 4 вариантов ответа:

1)	+	mineralocorticoids
2)	-	noradrenalin
3)	-	adrenalin



4)	-	glucocorticoids
----	---	-----------------

**Задание №573**

Name hormone, which is produced by endocrinocyti of zonereticularis:

Выберите один из 4 вариантов ответа:

1)	+	androgen
2)	-	noradrenalin
3)	-	adrenalin
4)	-	glucocorticoids

**Задание №574**

Name hormone, which is produced by endocrinocyti of zonefasciculata:

Выберите один из 4 вариантов ответа:

1)	+	glucocorticoids
2)	-	androgen
3)	-	progesterone
4)	-	aldosteron

**Задание №575**

Name zone, where mitochondria with tubular crests present:

Выберите один из 4 вариантов ответа:

1)	+	zone fasciculate
2)	-	zone reticularis
3)	-	zone glomerulosa
4)	-	sudanophobic layer

**Задание №576**

Cortical substance of the adrenal glands is formed from:

Выберите один из 4 вариантов ответа:

1)	+	mesoderm
2)	-	entoderm
3)	-	ectoderm
4)	-	sympathetic ganglia

**Задание №577**

Function of sudanophobic layer cells is:

Выберите один из 4 вариантов ответа:

1)	+	regeneration of the adrenal cortex
2)	-	regeneration of the cerebral substance

3)	-	produce sex hormone
4)	-	produce adrenalin

**Задание №578**

Function of the hydrocortisone:

Выберите один из 4 вариантов ответа:

1)	+	participation in the protein, carbohydrate and mineral metabolism
2)	-	intensify the inflammatory reaction of the connective tissue
3)	-	intensify reabsorption Na in the tubules of the kidney
4)	-	reduce Ca level in the blood

**Задание №579**

Which of the following is part of the adrenal gland?

Выберите один из 4 вариантов ответа:

1)	+	All of the following
2)	-	Chromaffin cells
3)	-	Zona reticularis
4)	-	Zona glomerulosa Zona fasciculata

**Задание №580**

Which part of the adrenal gland secretes glucocorticoids?

Выберите один из 5 вариантов ответа:

1)	+	Zona fasciculata
2)	-	Chromaffin cells
3)	-	Zona reticularis
4)	-	Zona glomerulosa
5)	-	None of the above

**Задание №581**

Name hormone, which is NOT produced by cortical substance of the adrenal glands:

Выберите один из 4 вариантов ответа:

1)	+	noradrenalin
2)	-	mineralocorticoids
3)	-	glucocorticoids
4)	-	estrogen

**Задание №582**

Which layer in an artery is primarily skeletal muscle?

Выберите один из 5 вариантов ответа:

1)	+	None of the following
2)	-	Tunica intima
3)	-	Tunica media
4)	-	Tunica externa
5)	-	All of the above

**Задание №583**

Which of the following is NOT a distinguishing feature between larger veins and arteries?

Выберите несколько из 5 вариантов ответа:

1)	+	The lumen of a vein is smaller than the lumen of an artery. The intima of aorta consists of:
2)	+	endothelium, lying on the basement membrane, subendothelial layer and plexuses of fibres
3)	-	endothelium, lying on the basement membrane, subendothelial layer, internal elastic membrane
4)	-	endothelium, lying on the basement membrane, subendothelial layer, external elastic membrane
5)	-	internal elastic membrane and external elastic membrane

**Задание №584**

Name vessel, in which media tunic composes of 40 - 70 elastic membranes:

Выберите один из 4 вариантов ответа:

1)	+	arteries of elastic type
2)	-	arteries of muscle type
3)	-	veins of muscle type
4)	-	veins of nonmuscle type

**Задание №585**

Name type vessel, in which media tunic composes of equal number of the smooth muscle cells and elastic fibers:

Выберите один из 4 вариантов ответа:

1)	+	arteries of mixed (muscular-elastic) type
2)	-	arteries of muscle type
3)	-	veins of nonmuscle type
4)	-	veins of muscle type

**Задание №586**

Name vessel, wall is composed of endothelium, surrounded by connective tissue:

Выберите один из 4 вариантов ответа:

1)	+	veins of nonmuscle type
2)	-	veins of muscle type, with weakly developed muscularelements
3)	-	veins of muscle type, with middling developed muscularelements
4)	-	veins of muscle type, with highly developed muscularelements

**Задание №587**

Name vessel, in wall which is presence of valves:

Выберите один из 4 вариантов ответа:

1)	+	veins of muscle type, with highly developed muscularelements
2)	-	arteries of elastic type
3)	-	veins of nonmuscle type
4)	-	arteries of muscle type

**Задание №588**

What is NOT structure peculiarities of veins wall?

Выберите один из 4 вариантов ответа:

1)	+	higher content of elastic fibers
2)	-	presence of valves
3)	-	higher content of collagen fibers
4)	-	weak development of circulatory muscle layer

**Задание №589**

Name vessel, through which the blood flows passively dueto the gravity:

Выберите один из 4 вариантов ответа:

1)	+	veins of muscle type, with weakly developed muscular elements
2)	-	arteries of muscle type
3)	-	arteries of mixed (muscular-elastic) type
4)	-	veins of muscle type, with highly developed muscular elements

**Задание №590**

Name vessel, in wall which smooth muscle cells are absent:

Выберите один из 4 вариантов ответа:

1)	+	veins of nonmuscle type
2)	-	arteries of elastic type
3)	-	veins of muscle type, with weakly developed muscular elements
4)	-	arteries of mixed type

**Задание №591**

Name vessel, which transports the blood to the organsand tissue:

Выберите один из 4 вариантов ответа:		
1)	+	arteries of mixed type
2)	-	arteries of elastic type
3)	-	veins of nonmuscle type
4)	-	veins of muscle type

<b>Задание №592</b>		
Name vessel, in wall which internal and external elastic membranes are presence:		
Выберите один из 4 вариантов ответа:		
1)	+	arteries of muscle type
2)	-	arteries of mixed type
3)	-	veins of muscle type, with highly developed muscular elements
4)	-	veins of nonmuscle type

<b>Задание №593</b>		
Which layer in an artery contains the endothelium?		
Выберите один из 5 вариантов ответа:		
1)	+	Tunica intima
2)	-	Tunica media
3)	-	Tunica externa
4)	-	All of the above
5)	-	None of the above

<b>Задание №594</b>		
What do you call the simple squamous epithelium that lines the blood vessels?		
Выберите один из 5 вариантов ответа:		
1)	+	Endothelium
2)	-	Epithelioid tissue
3)	-	Mesothelium
4)	-	Transitional
5)	-	Pseudostratified

<b>Задание №595</b>		
The intima of aorta consists of:		
Выберите один из 4 вариантов ответа:		
1)	+	endothelium, lying on the basement membrane, subendothelial layer and plexuses of fibres
2)	-	endothelium, lying on the basement membrane, subendothelial layer, internal elastic membrane

3)	-	endothelium, lying on the basement membrane, subendothelial layer, external elastic membrane
4)	-	internal elastic membrane and external elastic membrane

**Задание №596**

The cerebellum cortex has a three layer structure:

Выберите один из 4 вариантов ответа:

1)	+	molecular, ganglionic and granular layers
2)	-	molecular, ganglionic and layer of polymorphic cells
3)	-	molecular, pyramidal and granular layers
4)	-	molecular, pyramidal and ganglionic layers

**Задание №597**

The ganglionic layer of cerebellum is formed by:

Выберите один из 4 вариантов ответа:

1)	+	a single row of flask-shaped Purkinje`s cells
2)	-	the bodies of basket and satellite cells
3)	-	large satellite cells with short and long axons, cells-granules
4)	-	the bodies of basket cells and cells-granules

**Задание №598**

The molecular layer of cerebellum is formed by:

Выберите один из 4 вариантов ответа:

1)	+	the bodies of basket and satellite cells
2)	-	a single row of flask-shaped Purkinje`s cells
3)	-	large satellite cells with short and long axons, cells-granules
4)	-	the bodies of basket cells and cells-granules

**Задание №599**

The granular layer of cerebellum is formed by:

Выберите один из 4 вариантов ответа:

1)	+	large satellite cells with short and long axons, cells-granules
2)	-	the bodies of basket and satellite cells
3)	-	a single row of flask-shaped Purkinje`s cells
4)	-	cells-granules and the bodies of basket cells

**Задание №600**

Name layer, which Hemisphere cortex does not include:

Выберите один из 4 вариантов ответа:

1)	+	agranular layer
2)	-	ganglionic layer
3)	-	the pyramidal layer
4)	-	the molecular layer

#### Задание №601

The basket cells axons in composition of the cerebellum molecular layer:

Выберите один из 4 вариантов ответа:

1)	+	send collaterals and surround the perikaryons of the Purkinje`s cells
2)	-	form synapses with the dendrites of the cells-granules in granular layer
3)	-	enter the white matter
4)	-	send collaterals and surround the perikaryons of the large satellite cells

#### Задание №602

The excitatory impulses to the cerebellum are transmitted by:

Выберите один из 4 вариантов ответа:

1)	+	moss-like and liana like fibres
2)	-	the axons of the Purkinje`s cells
3)	-	basket cells of the molecular layer and cells-granules of the granular layer
4)	-	satellite and basket cells of the molecular layer and large satellite cells of the granular layer

#### Задание №603

Inhibition in the cerebellum - is a function of the:

Выберите один из 4 вариантов ответа:

1)	+	satellite and basket cells of the molecular layer and large satellite cells of the granular layer
2)	-	satellite and basket cells of the molecular layer and cells-granules of the granular layer
3)	-	basket cells of the molecular layer and cells-granules of the granular layer
4)	-	moss-like and liana like fibres

#### Задание №604

The cells-granules axons in composition of the cerebellum granular layer enter the:

Выберите один из 4 вариантов ответа:

1)	+	molecular layer and form synapses with dendrites of the basket, satellite and Purkinje`s cells
2)	-	ganglionic layer and form synapses with the perikaryons of the Purkinje`s cells
3)	-	white matter, which form ascending and descending tracts

4)	-	molecular layer and form synapses with satellite cells
----	---	--

**Задание №605**

Satellite and basket cells of the cerebellum molecular layer transmit impulses to the:

Выберите один из 4 вариантов ответа:

1)	+	dendrites and bodies of Purkinje`s cells
2)	-	dendrites and bodies of the cell-granules and Golgi cells
3)	-	bodies of Purkinje`s cells and bodies cell-granules
4)	-	white matter, which form ascending and descending tracts

**Задание №606**

What is the outer layer of the GI tract called when it is abutting another organ?

Выберите один из 5 вариантов ответа:

1)	+	Adventitia
2)	-	Mucosa
3)	-	Submucosa
4)	-	Muscularis externa
5)	-	Serosa

**Задание №607**

What is the innermost layer of the GI tract called?

Выберите один из 5 вариантов ответа:

1)	+	Mucosa
2)	-	Submucosa
3)	-	Muscularis externa
4)	-	Serosa
5)	-	Adventitia

**Задание №608**

What type of epithelium is in a nasal part of pharynx:

Выберите один из 4 вариантов ответа:

1)	+	pseudostratified ciliated
2)	-	stratified flat non-keratinizing
3)	-	stratified flat keratinizing
4)	-	monolayer prismatic glandular

**Задание №609**

!What type of epithelium is in esophagus:

Выберите один из 4 вариантов ответа:



1)	+	stratified flat non-keratinizing
2)	-	stratified flat keratinizing
3)	-	pseudostratified ciliated
4)	-	monolayer prismatic glandular

**Задание №610**

Where are located esophagus cardial glands:

Выберите один из 4 вариантов ответа:

1)	+	in the lamina propria of mucousa tunic
2)	-	in the submucous tunic
3)	-	in the epithelium
4)	-	in the adventitial tunic

**Задание №611**

Where are located esophagus glands:

Выберите один из 4 вариантов ответа:

1)	+	in the submucous tunic
2)	-	in the adventitial tunic
3)	-	in the lamina propria of mucousa tunic
4)	-	in the epithelium

**Задание №612**

Muscular tunic in esophagus is represented:

Выберите один из 4 вариантов ответа:

1)	+	transverse-striated, smooth and combination muscular tissues
2)	-	only smooth muscular tissue
3)	-	only transverse-striated muscular tissue
4)	-	only combination muscular tissue

**Задание №613**

What type of epithelium is in stomach:

Выберите один из 4 вариантов ответа:

1)	+	monolayer prismatic glandular
2)	-	stratified flat non-keratinizing
3)	-	stratified flat keratinizing
4)	-	pseudostratified ciliated

**Задание №614**

Function of the main cells:

Выберите один из 4 вариантов ответа:

1)	+	synthesize nonactive form of enzymes
2)	-	synthesize hydrogen and chlorine ions
3)	-	synthesize hormones
4)	-	synthesize mucous

**Задание №615**

Function of the mucous cells:

Выберите один из 4 вариантов ответа:

1)	+	synthesize mucous
2)	-	synthesize hydrogen and chlorine ions
3)	-	synthesize hormones
4)	-	synthesize nonactive form of enzymes

**Задание №616**

Function of the parietal cells:

Выберите один из 4 вариантов ответа:

1)	+	synthesize hydrogen and chlorine ions
2)	-	synthesize hormones
3)	-	synthesize nonactive form of enzymes
4)	-	synthesize mucous

**Задание №617**

Pyloric glands are composed of:

Выберите один из 4 вариантов ответа:

1)	+	mucous, parietal and endocrine cells
2)	-	endocrine, mucous and main cells
3)	-	endocrine, mucous and parietal cells
4)	-	main, endocrine, mucous and parietal cells

**Задание №618**

Muscular lamina of mucous tunic is composed of smooth muscular cells:

Выберите один из 4 вариантов ответа:

1)	+	internal and external layers circular and middle layer longitudinal
2)	-	internal and external layers longitudinal and middle layer circular
3)	-	internal layer circular, external - squint, middle layer longitudinal
4)	-	internal layer longitudinal, external - circular, middle layer squint

**Задание №619**

Muscular tunic is composed of smooth muscular cells:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | internal layer squint, external - longitudinal, middle layer circular |
| 2) | - | internal layer longitudinal, external - circular, middle layer squint |
| 3) | - | internal and external layers longitudinal and middle layer circular   |
| 4) | - | internal layer squint, external - circular, middle layer longitudinal |

**Задание №620**

What are developing gametes called?

Выберите один из 5 вариантов ответа:

- |    |   |           |
|----|---|-----------|
| 1) | + | Oocyte    |
| 2) | - | Oogenesis |
| 3) | - | Ovary     |
| 4) | - | Ovulation |
| 5) | - | Ova       |

**Задание №621**

What is the inner part of the ovary?

Выберите один из 5 вариантов ответа:

- |    |   |                     |
|----|---|---------------------|
| 1) | + | Medulla             |
| 2) | - | Follicle            |
| 3) | - | Germinal epithelium |
| 4) | - | Tunica albuginea    |
| 5) | - | Cortex              |

**Задание №622**

Which stage of the follicle is arrested in prophase?

Выберите один из 5 вариантов ответа:

- |    |   |                     |
|----|---|---------------------|
| 1) | + | Primordial follicle |
| 2) | - | Primary follicle    |
| 3) | - | Secondary follicle  |
| 4) | - | Mature follicle     |
| 5) | - | Graffian follicle   |

**Задание №623**

What is the cavity within a secondary follicle?

Выберите один из 5 вариантов ответа:

- |    |   |                   |
|----|---|-------------------|
| 1) | + | Antrum            |
| 2) | - | Graffian follicle |

3)	-	Theca folliculi
4)	-	Granulosa cells
5)	-	Zona pellucida

**Задание №624**

During the first week to 10 days, what is the main hormone which stimulates the growth of the follicles?

Выберите один из 5 вариантов ответа:

1)	+	FSH
2)	-	LH
3)	-	HCG
4)	-	Estrogen
5)	-	Progesterone

**Задание №625**

What is the female organ called where gametogenesis occurs?

Выберите один из 5 вариантов ответа:

1)	+	Ovary
2)	-	Oogenesis
3)	-	Ovulation
4)	-	Oocyte
5)	-	Ova

**Задание №626**

Which stage of the follicle is marked by the surrounding of flattened (squamous) follicular cells becoming cuboidal?

Выберите один из 5 вариантов ответа:

1)	+	Primary follicle
2)	-	Primordial follicle
3)	-	Secondary follicle
4)	-	Mature follicle
5)	-	Graffian follicle

**Задание №627**

What is ovulated?

Выберите один из 5 вариантов ответа:

1)	+	Graffian follicle
2)	-	Theca folliculi
3)	-	Granulosa cells

4)	-	Zona pellucida
5)	-	Antrum

**Задание №628**

What is the outer part of the ovary?

Выберите один из 5 вариантов ответа:

1)	+	Cortex
2)	-	Follicle
3)	-	Germinal epithelium
4)	-	Medulla
5)	-	Tunica albuginea

**Задание №629**

During a pregnancy, which hormone which maintains the corpus luteum?

Выберите один из 5 вариантов ответа:

1)	+	HCG
2)	-	FSH
3)	-	LH
4)	-	Estrogen
5)	-	Progesterone

**Задание №630**

Which structure contains the oocyte?

Выберите один из 5 вариантов ответа:

1)	+	Follicle
2)	-	Germinal epithelium
3)	-	Medulla
4)	-	Tunica albuginea
5)	-	Cortex

**Задание №631**

Which follicular stage is also called an antral follicle?

Выберите один из 5 вариантов ответа:

1)	+	Secondary follicle
2)	-	Primordial follicle
3)	-	Primary follicle
4)	-	Mature follicle
5)	-	Graffian follicle

**Задание №632**

Prolifiration and vascularization stage is characterized by:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | quick division of granulose and theca cells                            |
| 2) | - | changing the size of granulose and theca cells, accumulation of lutein |
| 3) | - | progesterone synthesis by luteocytes                                   |
| 4) | - | destruction of luteocytes, formation of white body                     |

**Задание №633**

Name follicles, in which zone pellucida appear:

Выберите один из 4 вариантов ответа:

- |    |   |                             |
|----|---|-----------------------------|
| 1) | + | in the primary follicles    |
| 2) | - | in the secondary follicles  |
| 3) | - | in the tertiary follicles   |
| 4) | - | in the primordial follicles |

**Задание №634**

Primordial follicles consist of:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | primary oocyte and single layer of flat follicular cells                         |
| 2) | - | secondary oocyte and single layer of flat follicular cells                       |
| 3) | - | primary oocyte, one - two layers of cuboidal follicular cells and zone pellucida |
| 4) | - | primary oocyte, zone pellucida and multi layer follicular epithelium             |

**Задание №635**

Glandular metamorphosis stage is characterized by:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | changing the size of granulose and theca cells, accumulation of lutein |
| 2) | - | destruction of luteocytes, on the spot of body yellow body white forms |
| 3) | - | quick division of granulose and theca cells                            |
| 4) | - | progesterone synthesis by luteocytes                                   |

**Задание №636**

Primary follicles consist of:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | primary oocyte, one - two layers of cuboidal follicular cells and zone pellucida |
| 2) | - | primary oocyte, zone pellucida and multi layer follicular epithelium             |
| 3) | - | primary oocyte and single layer of flat follicular cells                         |
| 4) | - | primary oocyte and multi layer of flat follicular cells                          |

**Задание №637**

Name follicles, in which theca follicle is formed:

Выберите один из 4 вариантов ответа:

- |    |   |                      |
|----|---|----------------------|
| 1) | + | secondary follicles  |
| 2) | - | tertiary follicles   |
| 3) | - | primary follicles    |
| 4) | - | primordial follicles |

**Задание №638**

During regressive development stage take place:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | destruction of luteocytes, on the spot of body yellow body white forms |
| 2) | - | progesterone synthesis by luteocytes                                   |
| 3) | - | quick division of granulose and theca cells                            |
| 4) | - | changing the size of granulose and theca cells, accumulation of lutein |

**Задание №639**

Secondary follicles consist of:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | primary oocyte, zone pellucida and multi layer follicular epithelium             |
| 2) | - | secondary oocyte and single layer of flat follicular cells                       |
| 3) | - | secondary oocyte, zone pellucida and multi layer follicular epithelium           |
| 4) | - | primary oocyte, one - two layers of cuboidal follicular cells and zone pellucida |

**Задание №640**

Zone pellucida is produced by:

Выберите один из 4 вариантов ответа:

- |    |   |                  |
|----|---|------------------|
| 1) | + | oocyte           |
| 2) | - | follicular cells |
| 3) | - | yellow body      |
| 4) | - | white body       |

**Задание №641**

Name hormone, which follicular cells produce:

Выберите один из 4 вариантов ответа:

- |    |   |              |
|----|---|--------------|
| 1) | + | estrogens    |
| 2) | - | progesteron  |
| 3) | - | testosterone |

4)	-	aldosterone
----	---	-------------

**Задание №642**

Name follicles, where corona radiata is formed:

Выберите один из 4 вариантов ответа:

1)	+	in the tertiary follicles
2)	-	in the primary follicles
3)	-	in the primordial follicles
4)	-	in the secondary follicles

**Задание №643**

Name follicles, in which follicular cells begin to secrete follicular fluid:

Выберите один из 4 вариантов ответа:

1)	+	secondary follicles
2)	-	mature tertiary follicles
3)	-	primary follicles
4)	-	primordial follicles

**Задание №644**

Atretic bodies are formed from:

Выберите один из 4 вариантов ответа:

1)	+	follicles ceased their development
2)	-	yellow body
3)	-	white body
4)	-	primordial follicles

**Задание №645**

Bloom growth stage is characterized by:

Выберите один из 4 вариантов ответа:

1)	+	progesterone synthesis by luteocytes
2)	-	destruction of luteocytes, formation of white body
3)	-	quick division of granulose and theca cells
4)	-	changing the size of granulose and theca cells, accumulation of lutein

**Задание №646**

Name fluid, which fills the space within the membranous labyrinth of the cochlea:

Выберите один из 4 вариантов ответа:

1)	+	endolymph
2)	-	perilymph



3)	-	water fluid
4)	-	lymph

**Задание №647**

The cochlear duct is a triangular canal, lying between:

Выберите один из 4 вариантов ответа:

1)	+	the basilar and vestibular membrane
2)	-	external and internal ear
3)	-	the tympanic membrane and vestibule
4)	-	the auditory tube and basilar membrane

**Задание №648**

The spiral organ of Corti is placed on:

Выберите один из 4 вариантов ответа:

1)	+	the basilar membrane
2)	-	the vestibular membrane
3)	-	the stria vascularis
4)	-	the spiral ligament

**Задание №649**

Tunnel of Corti is enclosed by:

Выберите один из 4 вариантов ответа:

1)	+	internal and external rod cells
2)	-	internal and external hair cells
3)	-	internal and external phalangeal cells
4)	-	internal and external conuses cells

**Задание №650**

Name membrane, which separates the external acoustic meatus from the middle ear:

Выберите один из 4 вариантов ответа:

1)	+	the tympanic membrane
2)	-	the membrane tectoria
3)	-	the basilar membrane
4)	-	the vestibular membrane

**Задание №651**

The space between the membranous labyrinth and the bony labyrinth is filled by:

Выберите один из 4 вариантов ответа:

1)	+	perilymph
----	---	-----------

2)	-	endolymph
3)	-	water fluid
4)	-	lymph

**Задание №652**

Name layers of the stria vascularis:

Выберите один из 4 вариантов ответа:

1)	+	marginal, intermediate, basal
2)	-	epithelial, vascular, fibrous
3)	-	fibrous, marginal, vascular
4)	-	epithelial, intermediate, vascular

**Задание №653**

Name function of the marginal layer epithelium of the stria vascularis:

Выберите один из 4 вариантов ответа:

1)	+	formation of the endolymph
2)	-	supporting of the outer and inner hair cells
3)	-	formation of the perilymph
4)	-	synthesis of blood proteins and enzymes

**Задание №654**

The membranous labyrinth includes next layers:

Выберите один из 4 вариантов ответа:

1)	+	outer fibrous layer, middle vascular layer, inner epithelial layer
2)	-	outer epithelial layer, middle vascular layer, inner fibrous layer
3)	-	outer vascular layer, middle epithelial layer, inner fibrous layer
4)	-	outer vascular layer, middle fibrous layer, inner epithelial layer

**Задание №655**

Name cells of the Corti organ:

Выберите один из 4 вариантов ответа:

1)	+	outer and inner hair cells, phalangeal cells, rod cells
2)	-	outer and inner hair cells, rod cells, endotheliocytes
3)	-	outer and inner hepatocytes, phalangeal cells, rod cells
4)	-	phalangeal cells, rod cells, fibroblasts, cardiomyocytes

**Задание №656**

The inner hair cells are:

Выберите один из 4 вариантов ответа:

1)	+	piriform (flask shaped)
2)	-	cylindrical
3)	-	triangular
4)	-	cuboidal

**Задание №657**

The outer hair cells are:

Выберите один из 4 вариантов ответа:

1)	+	cylindrical
2)	-	piriform (flask shaped)
3)	-	triangular
4)	-	cuboidal

**Задание №658**

Which layer of the heart is composed of cardiac muscle?

Выберите один из 5 вариантов ответа:

1)	+	Myocardium
2)	-	Epicardium
3)	-	Pericardium
4)	-	Endocardium
5)	-	Endomysium

**Задание №659**

Where is the myocardium the thickest?

Выберите один из 5 вариантов ответа:

1)	+	Left ventricle
2)	-	Right atria
3)	-	Left atria
4)	-	Right ventricle
5)	-	Both right and left ventricle

**Задание №660**

What is the connective tissue sac surrounding the heart?

Выберите один из 5 вариантов ответа:

1)	+	Pericardium
2)	-	Epicardium
3)	-	Myocardium
4)	-	Endocardium

5)	-	Endomysium
----	---	------------

**Задание №661**

What is the connective tissue called which surrounds an individual cardiac muscle fiber?

Выберите один из 5 вариантов ответа:

1)	+	Endomysium
2)	-	Epicardium
3)	-	Pericardium
4)	-	Myocardium
5)	-	Endocardium

**Задание №662**

What is the pacemaker of the heart?

Выберите один из 5 вариантов ответа:

1)	+	Sinoatrial node
2)	-	Atrioventricular node
3)	-	Bundle of His
4)	-	Right bundle branch
5)	-	Purkinje fiber

**Задание №663**

Which of the following is not true regarding the endocardium?

Выберите один из 5 вариантов ответа:

1)	+	The endocardium contains abundant adipose tissue
2)	-	The endocardium is layered
3)	-	The endocardium contains blood vessels
4)	-	The endocardium contains smooth muscle
5)	-	The endocardium is lined by endothelium

**Задание №664**

What is the atrioventricular bundle?

Выберите один из 5 вариантов ответа:

1)	+	Bundle of His
2)	-	Sinoatrial node
3)	-	Atrioventricular node
4)	-	Right bundle branch
5)	-	Purkinje fiber

**Задание №665**

Where is endothelium located?

Выберите один из 5 вариантов ответа:

- |    |   |             |
|----|---|-------------|
| 1) | + | Endocardium |
| 2) | - | Epicardium  |
| 3) | - | Pericardium |
| 4) | - | Myocardium  |
| 5) | - | Endomysium  |

**Задание №666**

"Pulling on heartstrings" refers to strong feelings of love or sympathy pulling one's conscience. What anatomical structure is it a reference to?

Выберите один из 5 вариантов ответа:

- |    |   |                     |
|----|---|---------------------|
| 1) | + | Chordae tendinae    |
| 2) | - | Sinoatrial node     |
| 3) | - | Bundle of His       |
| 4) | - | Right bundle branch |
| 5) | - | Purkinje fiber      |

**Задание №667**

Name layer, which NO presence in endocardium:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | external elastic membrane                   |
| 2) | - | muscular-elastic layer                      |
| 3) | - | subendothelial layer                        |
| 4) | - | endothelium, lying on the basement membrane |

**Задание №668**

Function of conductive cardiomyocytes:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | generation and conduction of electric impulses         |
| 2) | - | syntheses of hormones                                  |
| 3) | - | formation of intercellular substance of the myocardium |
| 4) | - | contraction of ventricles                              |

**Задание №669**

Function of contractive cardiomyocytes:

Выберите один из 4 вариантов ответа:

- |    |   |                                      |
|----|---|--------------------------------------|
| 1) | + | contraction of ventricles and atrium |
|----|---|--------------------------------------|

2)	-	syntheses of hormones
3)	-	formation of intercellular substance of the myocardium
4)	-	generation and conduction of electric impulses

**Задание №670**

Function of P-cells:

Выберите один из 4 вариантов ответа:

1)	+	generation of electric impulses
2)	-	transmit impulses to working myocardium
3)	-	syntheses of hormones
4)	-	transmit impulses to Purkinje cells

**Задание №671**

Where does generation of electric impulses occur:

Выберите один из 4 вариантов ответа:

1)	+	in sinus node
2)	-	in atrioventricular node
3)	-	in working myocardium
4)	-	in atrioventricular bundle

**Задание №672**

Function of Purkinje cells:

Выберите один из 4 вариантов ответа:

1)	+	transmit impulses to working myocardium
2)	-	transmit impulses to P-cells
3)	-	syntheses of hormones
4)	-	generation of electric impulses

**Задание №673**

Purkinje cells are located:

Выберите один из 4 вариантов ответа:

1)	+	in atrioventricular bundle
2)	-	in atrioventricular node
3)	-	in sinus node
4)	-	in "skeleton" of the heart

**Задание №674**

Secretory cardiomyocytes are located:

Выберите один из 4 вариантов ответа:

1)	+	in atria
2)	-	in endocardium
3)	-	in sinus node
4)	-	in ventricles

**Задание №675**

Function of ANF (atrial natriuretic factor):

Выберите один из 4 вариантов ответа:

1)	+	decreases blood pressure
2)	-	increases blood pressure
3)	-	anticoagulation
4)	-	anti-inflammatory action

**Задание №676**

Name layer, which NO presence in epicardium:

Выберите один из 4 вариантов ответа:

1)	+	layer of internal elastic membrane
2)	-	layer of elastic fibers
3)	-	deep layer of collagenous - elastic fibers
4)	-	deep layer of collagenous fibers

**Задание №677**

What is covered of pericardium?

Выберите один из 4 вариантов ответа:

1)	+	mesothelium
2)	-	endothelium
3)	-	Purkinje cells
4)	-	secretory cardiomyocytes

**Задание №678**

Function of secretory cardiomyocytes:

Выберите один из 4 вариантов ответа:

1)	+	syntheses of antitrombic factor
2)	-	syntheses of antibodies
3)	-	syntheses histamine
4)	-	destroys histamine

**Задание №679**

Intestinal villus - are:

Выберите один из 4 вариантов ответа:

1)	+	fingers protrusion of a mucous tunic in the intestine space
2)	-	tubular pitting of epithelium in lamina propria
3)	-	tubular pitting of epithelium in submucosa tunic
4)	-	alveolar pitting of epithelium in submucosa tunic

**Задание №680**

Intestinal crypts - are:

Выберите один из 4 вариантов ответа:

1)	+	tubular pitting of epithelium in lamina propria
2)	-	tubular pitting of epithelium in submucosa tunic
3)	-	fingers protrusion of a mucous tunic in the intestine space
4)	-	alveolar pitting of epithelium in submucosa tunic

**Задание №681**

Intestinal villus - are composed of:

Выберите один из 4 вариантов ответа:

1)	+	epithelium and lamina propria
2)	-	only epithelium
3)	-	epithelium, lamina propria and muscular lamina of mucous tunic
4)	-	mucous tunic and submucous tunic

**Задание №682**

Function of the edging cells:

Выберите один из 4 вариантов ответа:

1)	+	to provide parietal digestion
2)	-	synthesize hydrogen and chlorine ions
3)	-	synthesize mucous
4)	-	synthesize dipeptidas

**Задание №683**

Function of the goblet cells:

Выберите один из 4 вариантов ответа:

1)	+	synthesize mucous
2)	-	synthesize nonactive form of enzymes
3)	-	to provide parietal digestion
4)	-	synthesize hydrogen and chlorine ions

**Задание №684**



**Function of the cells with acidophile granules (Paneth):**

Выберите один из 4 вариантов ответа:

- |    |   |                                       |
|----|---|---------------------------------------|
| 1) | + | synthesize dipeptidas                 |
| 2) | - | to provide parietal digestion         |
| 3) | - | synthesize hydrogen and chlorine ions |
| 4) | - | synthesize mucous                     |

**Задание №685**

**Name part of intestine, where in the submucous tunic glands are located:**

Выберите один из 4 вариантов ответа:

- |    |   |               |
|----|---|---------------|
| 1) | + | duodenum      |
| 2) | - | sigmoid colon |
| 3) | - | jejunum       |
| 4) | - | ileum         |

**Задание №686**

**Function of the duodenal glands:**

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | neutralize the hydrochloric acid and carbohydrate cleavage |
| 2) | - | carbohydrate and albumen cleavage                          |
| 3) | - | synthesize hydrogen and chlorine ions                      |
| 4) | - | provides parietal digestion                                |

**Задание №687**

**Function of the prismatic (absorptive) cells in the large intestine:**

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | to provide the process of absorbing                        |
| 2) | - | neutralize the hydrochloric acid and carbohydrate cleavage |
| 3) | - | synthesize dipeptidas                                      |
| 4) | - | synthesize mucous  |

**Задание №688**

**Name cells, which are absent in the intestinal crypts of the large intestine:**

Выберите один из 4 вариантов ответа:

- |    |   |                              |
|----|---|------------------------------|
| 1) | + | edging cells                 |
| 2) | - | endocrine cells              |
| 3) | - | goblet cells                 |
| 4) | - | prismatic (absorptive) cells |

**Задание №689**

What type of epithelium is in ampoule part of the rectum:

Выберите один из 4 вариантов ответа:

- |    |   |                                  |
|----|---|----------------------------------|
| 1) | + | monolayer prismatic              |
| 2) | - | stratified flat non-keratinizing |
| 3) | - | stratified flat keratinizing     |
| 4) | - | pseudostratified ciliated        |

**Задание №690**

What type of epithelium is in lower part of the anal canal:

Выберите один из 4 вариантов ответа:

- |    |   |                                  |
|----|---|----------------------------------|
| 1) | + | stratified flat keratinizing     |
| 2) | - | monolayer prismatic glandular    |
| 3) | - | pseudostratified ciliated        |
| 4) | - | stratified flat non-keratinizing |

**Задание №691**

Where are anal glands located:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | in the submucous tunic of anal canal                             |
| 2) | - | in the lamina propria of the anal canal mucousa tunic            |
| 3) | - | in the submucous tunic of ampoule part of rectum                 |
| 4) | - | in the lamina propria of mucousa tunic of ampoule part of rectum |

**Задание №692**

Which gland secretes melatonin?

Выберите один из 5 вариантов ответа:

- |    |   |                         |
|----|---|-------------------------|
| 1) | + | Pineal gland            |
| 2) | - | Pancreas                |
| 3) | - | Thyroid                 |
| 4) | - | Adrenal gland (cortex)  |
| 5) | - | Adrenal gland (medulla) |

**Задание №693**

What organ is nicknamed the "master gland"

Выберите один из 5 вариантов ответа:

- |    |   |                 |
|----|---|-----------------|
| 1) | + | Pituitary       |
| 2) | - | Adrenal medulla |
| 3) | - | Adrenal cortex  |

4)	-	Brain
5)	-	Heart

**Задание №694**

What cell type secretes ACTH?

Выберите один из 5 вариантов ответа:

1)	+	Corticotropic cells
2)	-	Lactotropic cells
3)	-	Thyrotropic cells
4)	-	Somatotropic cells
5)	-	Gonadotropic cells(MSH).

**Задание №695**

Which of the following is NOT a characteristic of the endocrine system?

Выберите один из 5 вариантов ответа:

1)	+	Glands with ducts
2)	-	Products secreted into blood
3)	-	Secretes hormones
4)	-	Non localized response
5)	-	All of the following are characteristics of the endocrine system

**Задание №696**

Acidophilic adenocytes are divided into:

Выберите один из 4 вариантов ответа:

1)	+	somatotropocyti and mammotropocyti
2)	-	gonadotropocyti and thyrotropocyti
3)	-	somatotropocyti and thyrotropocyti
4)	-	mammotropocyti and gonadotropocyti

**Задание №697**

Basophilic adenocytes are divided into:

Выберите один из 4 вариантов ответа:

1)	+	gonadotropocyti, thyrotropocyti, corticotropocyti
2)	-	somatotropocyti and gonadotropocyti
3)	-	mammotropocyti and gonadotropocyti
4)	-	gonadotropocyti, thyrotropocyti and somatotropocyti

**Задание №698**

The intermediate part of the hypophysis is represented by:

Выберите один из 4 вариантов ответа:

1)	+	lipotropocyti and melanotropocyti
2)	-	somatotropocyti and thyrotropocyti
3)	-	mammotropocyti and melanotropocyti
4)	-	lipotropocyti and thyrotropocyti

**Задание №699**

Neurohypophysis contains:

Выберите один из 4 вариантов ответа:

1)	+	vasopressin and oxitocin
2)	-	prolactin and oxitocin
3)	-	thyrotropic hormone and lipotropin
4)	-	vasopressin and folliclestimulating hormone

**Задание №700**

Cellular composition of epiphysis:

Выберите один из 4 вариантов ответа:

1)	+	secretory sells - pinealocyti and supporting glyocyti
2)	-	secretory sells - lipotropocyti and supporting glyocyti
3)	-	secretory sells - pinealocyti and supporting pituicytes
4)	-	secretory sells - somatotropocyti and supporting pituicytes

**Задание №701**

Adenohypophysis includes next parts:

Выберите один из 4 вариантов ответа:

1)	+	anterior, middle, tubercular
2)	-	posterior, anterior, middle
3)	-	middle, tubercular, posterior
4)	-	middle and tubercular

**Задание №702**

Function of somatotrophic hormone is:

Выберите один из 4 вариантов ответа:

1)	+	activation of the growth process in the whole organism and separate organs
2)	-	contraction of the smooth muscle of the uterus during the labour
3)	-	reabsorbtion of primary urine in the renal canaliculi
4)	-	stimulation of adenohypophysis hormonal activity

**Задание №703**

Name hormone, which is not produced in the anterior part of the hypophysis:

Выберите один из 4 вариантов ответа:

- |    |   |                               |
|----|---|-------------------------------|
| 1) | + | melanocytostimulating hormone |
| 2) | - | adrenocorticotropic hormone   |
| 3) | - | thyrotropic hormone           |
| 4) | - | folliclestimulating hormone   |

**Задание №704**

Function of adrenocorticotropic hormone is:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | activation of endocrine function of the adrenal cortex           |
| 2) | - | contraction of the smooth muscle of the uterus during the labour |
| 3) | - | reabsorbtion of primary urine in the renal canaliculi            |
| 4) | - | stimulation of adenohipophysis hormonal activity                 |

**Задание №705**

Prolactin stimulates:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | the lactation in the mammary glands and progesterone synthesis by the yellow body |
| 2) | - | reabsorbtion of primary urine in the renal canaliculi                             |
| 3) | - | contraction of the smooth muscle of the uterus                                    |
| 4) | - | the adenohipophysis hormonal activity   |

**Задание №706**

Name central organs of endocrine system:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | hypothalamus, hypophysis, epiphysis           |
| 2) | - | hypothalamus, thyroid gland, hypophysis       |
| 3) | - | hypophysis, thyroid gland, parathyroid glands |
| 4) | - | hypothalamus, pancreas, epiphysis             |

**Задание №707**

Name nuclei, which are located in the posterior portion of hypothalamus:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | mammillary and posterior                     |
| 2) | - | dorsomedial, ventromedial and arcual         |
| 3) | - | paraventricular and supraoptical             |
| 4) | - | mammillary, paraventricular and ventromedial |

**Задание №708**

Name nuclei, which are located in the middle portion of hypothalamus:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | dorsomedial, ventromedial and arcual         |
| 2) | - | paraventricular and supraoptical             |
| 3) | - | mammillary, paraventricular and ventromedial |
| 4) | - | mammillary and posterior                     |

**Задание №709**

Name nuclei, which are located in the anterior portion of hypothalamus:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | paraventricular and supraoptical             |
| 2) | - | mammillary and posterior                     |
| 3) | - | dorsomedial, ventromedial and arcual         |
| 4) | - | mammillary, paraventricular and ventromedial |

**Задание №710**

One of the oxytocin functions is:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | contraction of the smooth muscle of the uterus during the labour |
| 2) | - | increase of primary urina reabsorbtion in the renal canaliculi   |
| 3) | - | stimulation of endocrine function of adrenal cortex              |
| 4) | - | activation of the entire organism growth                         |

**Задание №711**

One of the vasopressin function is:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | increase of primary urina reabsorbtion in the renal canaliculi   |
| 2) | - | activation of the entire organism growth                         |
| 3) | - | contraction of the smooth muscle of the uterus during the labour |
| 4) | - | stimulation of endocrine function of adrenal cortex              |

**Задание №712**

Name peripheral organs of endocrine system:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | thyroid gland, parathyroid glands, adrenal glands |
| 2) | - | hypothalamus, thyroid and parathyroid glands      |
| 3) | - | hypophysis, thyroid gland, hypothalamus           |

4)	-	hypothalamus, pancreas, epiphysis
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**Задание №713**

Name hormone, which is produced by supraoptical nuclei:

Выберите один из 4 вариантов ответа:

1)	+	vasopressin
2)	-	oxitocin
3)	-	lipotropin
4)	-	prolactin

**Задание №714**

Name hormone, which is produced by paraventricular nuclei:

Выберите один из 4 вариантов ответа:

1)	+	oxitocin
2)	-	lipotropin
3)	-	prolactin
4)	-	vasopressin

**Задание №715**

Name nuclei, which produce liberins and statins:

Выберите один из 4 вариантов ответа:

1)	+	dorsomedial, ventromedial and arcual
2)	-	paraventricular and supraoptical
3)	-	dorsomedial, supraoptical and mammillary
4)	-	dorsomedial, ventromedial

**Задание №716**

Function of liberins:

Выберите один из 4 вариантов ответа:

1)	+	stimulation of adenohipophysis hormonal activity
2)	-	depression of adenohipophysis hormonal activity
3)	-	contraction of the smooth muscle of the uterus during the labour
4)	-	reabsorbtion of primary urine in the renal canaliculi

**Задание №717**

Function of statins:

Выберите один из 4 вариантов ответа:

1)	+	depression of adenohipophysis hormonal activity
2)	-	contraction of the smooth muscle of the uterus during the labour

3)	-	reabsorbtion of primary urine in the renal canaliculi
4)	-	stimulation of adenoypophysis hormonal activity

**Задание №718**

Vasopressin and oxitocin pass into:

Выберите один из 4 вариантов ответа:

1)	+	neurohypophysis
2)	-	adenohypophysis
3)	-	middle portion of hypothalamus
4)	-	epiphysis

**Задание №719**

Name cells, which take part in reactions of cellular immunity:

Выберите один из 4 вариантов ответа:

1)	+	T - killer, macrophage
2)	-	T - helper, macrophage, B - lymphocyte
3)	-	macrophage, B - lymphocyte
4)	-	T - killer, B - lymphocyte

**Задание №720**

Name cells, which take part during humoral immune reactions:

Выберите один из 4 вариантов ответа:

1)	+	T - helper, macrophage, B - lymphocyte, plasmatic cell
2)	-	T - killer, macrophage
3)	-	macrophage, B - lymphocyte, T - killer
4)	-	T - killer, B - lymphocyte

**Задание №721**

Name cells, which produce antibodies:

Выберите один из 4 вариантов ответа:

1)	+	plasmatic cells
2)	-	B - lymphocytes
3)	-	T - killers
4)	-	macrophages

**Задание №722**

During cellular immune reactions perforin is produced by:

Выберите один из 4 вариантов ответа:

1)	+	T - killers
----	---	-------------



2)	-	plasmatic cells
3)	-	B - lymphocytes
4)	-	macrophages

**Задание №723**

Name organ, in which antigen-independent proliferation and differentiation of T - lymphocytes takes place:

Выберите один из 4 вариантов ответа:

1)	+	thymus
2)	-	red bone marrow
3)	-	spleen
4)	-	lymph node

**Задание №724**

Name cells, which produce IL - 2:

Выберите один из 4 вариантов ответа:

1)	+	T - helper
2)	-	macrophage
3)	-	plasmatic cell
4)	-	B - lymphocyte

**Задание №725**

Name substance, which stimulate proliferation of B - lymphoblasts during humoral immune reactions:

Выберите один из 4 вариантов ответа:

1)	+	IL - 5
2)	-	IL - 6
3)	-	perforin
4)	-	IL - 1

**Задание №726**

Name function of IL - 6:

Выберите один из 4 вариантов ответа:

1)	+	differentiation of B - lymphoblasts into B-memory and plasmatic cells
2)	-	proliferation of B - lymphoblasts
3)	-	proliferation and differentiation of T - helpers
4)	-	blastotransformation of B - lymphocytes into B - lymphoblasts

**Задание №727**

Name function of IL - 4:

Выберите один из 4 вариантов ответа:

1)	+	blastotransformation of B - lymphocytes into B - lymphoblasts
2)	-	differentiation of B - lymphoblasts into B-memory and plasmatic cells
3)	-	proliferation of B - lymphoblasts
4)	-	proliferation and differentiation of T - helpers

**Задание №728**

Name substance, which stimulates proliferation of T - helpers during humoral immune reactions:

Выберите один из 4 вариантов ответа:

1)	+	IL - 2
2)	-	IL - 6
3)	-	perforin
4)	-	IL - 5

**Задание №729**

Name the cell, which recognizes antigen during humoral immune reactions:

Выберите один из 4 вариантов ответа:

1)	+	macrophage
2)	-	T - killer
3)	-	plasmatic cell
4)	-	B - lymphocyte

**Задание №730**

Name cell, which recognizes cancer cell during cellular immune reactions:

Выберите один из 4 вариантов ответа:

1)	+	T - killer
2)	-	macrophage
3)	-	plasmatic cell
4)	-	B - lymphocyte

**Задание №731**

Name cell, which produces IL - 1:

Выберите один из 4 вариантов ответа:

1)	+	macrophage
2)	-	T - killer
3)	-	plasmatic cell
4)	-	B - lymphocyte

**Задание №732**

Name cell, which change corpuscular antigen into molecular:

Выберите один из 4 вариантов ответа:

- |    |   |                |
|----|---|----------------|
| 1) | + | macrophage     |
| 2) | - | T - killer     |
| 3) | - | plasmatic cell |
| 4) | - | B - lymphocyte |

**Задание №733**

The visceral layer of Bowman`s capsule consists of:

Выберите один из 4 вариантов ответа:

- |    |   |                                  |
|----|---|----------------------------------|
| 1) | + | podocytes                        |
| 2) | - | simple squamous epithelial cells |
| 3) | - | glomerulus                       |
| 4) | - | simple cuboidal epithelium       |

**Задание №734**

The parietal layer of Bowman`s capsule consists of:

Выберите один из 4 вариантов ответа:

- |    |   |                                  |
|----|---|----------------------------------|
| 1) | + | simple squamous epithelial cells |
| 2) | - | simple cuboidal epithelium       |
| 3) | - | podocytes                        |
| 4) | - | glomerulus                       |

**Задание №735**

Name component, which DOES NOT form filtration barrier:

Выберите один из 4 вариантов ответа:

- |    |   |                                    |
|----|---|------------------------------------|
| 1) | + | parietal layer of Bowman`s capsule |
| 2) | - | endothelial wall of the capillary  |
| 3) | - | basal lamina                       |
| 4) | - | visceral layer of Bowman`s capsule |

**Задание №736**

The renal corpuscle is composed of:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | glomerulus and Bowman`s capsule                   |
| 2) | - | only Bowman`s capsule                             |
| 3) | - | glomerulus and parietal layer of Bowman`s capsule |

4)	-	glomerulus and renal tubular
----	---	------------------------------

**Задание №737**

The glomerulus is composed of:

Выберите один из 4 вариантов ответа:

1)	+	fenestrated type capillaries
2)	-	sinusoid type capillaries
3)	-	capillaries with continuous endothelial lining
4)	-	capillaries, arterioles and venules

**Задание №738**

Filtration slits are located between:

Выберите один из 4 вариантов ответа:

1)	+	neighboring pedicels
2)	-	neighboring podocytes
3)	-	capillaries
4)	-	parietal and visceral layers of Bowman`s capsule

**Задание №739**

Proximal tubule of nephron is composed of:

Выберите один из 4 вариантов ответа:

1)	+	cuboidal and high cuboidal epithelium with microvilli on the apical part
2)	-	pseudostratified ciliated epithelium
3)	-	transitional epithelium
4)	-	transitional epithelium and lamina propria

**Задание №740**

What is NOT resorpted in the proximal tubule:

Выберите один из 4 вариантов ответа:

1)	+	fat
2)	-	100% of protein
3)	-	glucose
4)	-	sodium, and chloride ions

**Задание №741**

The thin tubule of Henle`s loop is composed of:

Выберите один из 4 вариантов ответа:

1)	+	squamous epithelial cells
2)	-	transitional epithelium

3)	-	pseudostratified ciliated epithelium
4)	-	cuboidal and high cuboidal epithelium with microvilli on the apical part

**Задание №742**

Function of the descending thin limb of Henle`s loop:

Выберите один из 4 вариантов ответа:

1)	+	permeable to water and permeable to sodium and chloride
2)	-	permeable to protein
3)	-	permeable to glucose
4)	-	permeable to fat

**Задание №743**

Function of the ascending thin limb of Henle`s loop:

Выберите один из 4 вариантов ответа:

1)	+	impermeable to water, permeable to salts: sodium and chloride
2)	-	permeable to water and impermeable to sodium and chloride
3)	-	permeable to protein
4)	-	permeable to glucose

**Задание №744**

The thick ascending limb of Distal tubule is composed of:

Выберите один из 4 вариантов ответа:

1)	+	simple cuboidal epithelium
2)	-	squamous epithelial cells
3)	-	high cuboidal epithelium with microvilli on the apical part
4)	-	transitional epithelium

**Задание №745**

Function of the Distal tubule:

Выберите один из 4 вариантов ответа:

1)	+	impermeable to water, permeable to salts: sodium and chloride
2)	-	impermeable to water, sodium and chloride
3)	-	permeable to water and impermeable to sodium and chloride
4)	-	permeable to protein

**Задание №746**

Function of the collecting tubule is:

Выберите один из 4 вариантов ответа:

1)	+	creating the acid environment of urine
----	---	--

2)	-	resorbtion of protein
3)	-	resorbtion of glucose
4)	-	creating the alkaline environment of urine

**Задание №747**

What is located in the medullary rays:

Выберите один из 4 вариантов ответа:

1)	+	collecting tubules
2)	-	renal corpuscle
3)	-	interlobar arteries and interlobular veins
4)	-	Henle`s loop

**Задание №748**

What is the glomerulus?

Выберите один из 5 вариантов ответа:

1)	+	Capillary tuft
2)	-	Afferent arteriole
3)	-	Efferent arteriole
4)	-	Peritubular capillaries
5)	-	Vasa recta

**Задание №749**

What is a renal pyramid and its associated cortex referred to?

Выберите один из 5 вариантов ответа:

1)	+	Lobe
2)	-	Medulla
3)	-	Renal columns
4)	-	Nephron
5)	-	Medullary ray

**Задание №750**

Approximately how many nephrons are there in each kidney?

Выберите один из 5 вариантов ответа:

1)	+	1,000,000
2)	-	1,000
3)	-	10,000
4)	-	100,000
5)	-	10,000,000

**Задание №751**

What is the Malpighian corpuscle?

Выберите один из 5 вариантов ответа:

- |    |   |                          |
|----|---|--------------------------|
| 1) | + | Renal corpuscle          |
| 2) | - | Glomerulus               |
| 3) | - | Bowman's capsule         |
| 4) | - | Loop of Henle            |
| 5) | - | Distal convoluted tubule |

**Задание №752**

What are the ducts of Bellini?

Выберите один из 5 вариантов ответа:

- |    |   |                            |
|----|---|----------------------------|
| 1) | + | Collecting tubules         |
| 2) | - | Distal convoluted tubule   |
| 3) | - | Proximal convoluted tubule |
| 4) | - | Loop of Henle              |
| 5) | - | Medullary ray              |

**Задание №753**

What are the foot processes on podocytes?

Выберите один из 5 вариантов ответа:

- |    |   |                                    |
|----|---|------------------------------------|
| 1) | + | Pedicels                           |
| 2) | - | Visceral layer of Bowman's capsule |
| 3) | - | Parietal layer of Bowman's capsule |
| 4) | - | Juxtaglomerular cells              |
| 5) | - | Macula densa                       |

**Задание №754**

What vessel is a branch of the interlobular artery?

Выберите один из 5 вариантов ответа:

- |    |   |                         |
|----|---|-------------------------|
| 1) | + | Afferent arteriole      |
| 2) | - | Efferent arteriole      |
| 3) | - | Capillary tuft          |
| 4) | - | Peritubular capillaries |
| 5) | - | Vasa recta              |

**Задание №755**

What type of tissue lines the bladder?

Выберите один из 5 вариантов ответа:

1)	+	Transitional epithelium
2)	-	Simple squamous epithelium
3)	-	Simple cuboidal epithelium
4)	-	Simple columnar epithelium
5)	-	Stratified squamous epithelium

**Задание №756**

What is the projection of the medulla into the renal cortex called?

Выберите один из 5 вариантов ответа:

1)	+	Medullary ray
2)	-	Medulla
3)	-	Lobe
4)	-	Renal columns
5)	-	Nephron

**Задание №757**

The juxtaglomerular cells are located:

Выберите один из 4 вариантов ответа:

1)	+	in the tunica media of afferent and efferent glomerular arterioles
2)	-	in the distal tubule between the afferent and efferent glomerular arterioles and the renal corpuscle
3)	-	in the space between afferent and efferent arterioles, macula densa
4)	-	in the thin limbs of Henle`s loop

**Задание №758**

The extaglomerular mesangial cells are located:

Выберите один из 4 вариантов ответа:

1)	+	in the space between afferent and efferent arterioles, macula densa
2)	-	in the tunica media of afferent and efferent glomerular arterioles
3)	-	in the distal tubule between the afferent and efferent arterioles and the renal corpuscle
4)	-	in the thin limbs of Henle`s loop

**Задание №759**

Macula densa is located:

Выберите один из 4 вариантов ответа:

1)	+	in the distal tubule between afferent and efferent arterioles and the renal corpuscle
2)	-	in the thin limbs of Henle`s loop



3)	-	in the space between the afferent and efferent arterioles, macula densa
4)	-	in the tunica media of afferent and efferent glomerular arterioles

#### Задание №760

Function of the angiotensin II:

Выберите один из 4 вариантов ответа:

1)	+	increase the blood pressure
2)	-	decrease resorption of sodium and chloride ions
3)	-	decrease the blood pressure
4)	-	increase the luminal diameter of blood vessels

#### Задание №761

The mucous tunic of urinary bladder is composed of:

Выберите один из 4 вариантов ответа:

1)	+	the transitional epithelium and lamina propria
2)	-	the transitional epithelium, lamina propria and muscular lamina
3)	-	only transitional epithelium
4)	-	the pseudostratified ciliated epithelium and lamina propria

#### Задание №762

The muscular tunic of urinary bladder is composed of:

Выберите один из 4 вариантов ответа:

1)	+	internal and external - longitudinal, middle - circulatory layers of smooth muscle cells
2)	-	internal and external - circulatory, middle - longitudinal layers of smooth muscle cells
3)	-	internal and external - longitudinal, middle - circulatory layers of transverse-striated muscle cells
4)	-	internal and external - circulatory, middle - longitudinal layers of transverse-striated muscle cells

#### Задание №763

The muscular tunic of ureter is composed of:

Выберите один из 4 вариантов ответа:

1)	+	external - circulatory, internal - longitudinal layers of smooth muscle cells
2)	-	external - longitudinal, internal - circulatory layers of smooth muscle cells
3)	-	external - circulatory, internal - longitudinal layers of transverse-striated muscle cells
4)	-	external - longitudinal, internal - circulatory layers of transverse -striated

		muscle cells
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**Задание №764**

What is opened into the renal pelvis:

Выберите один из 4 вариантов ответа:

1)	+	major calyx
2)	-	minor calyx
3)	-	renal papilla
4)	-	medullary rays

**Задание №765**

What is located in the renal columns:

Выберите один из 4 вариантов ответа:

1)	+	interlobar arteries and interlobar veins
2)	-	peritubular capillary network
3)	-	afferent and efferent glomerular arterioles
4)	-	arcuate arteries

**Задание №766**

Name components of the Kidney endocrine system:

Выберите один из 4 вариантов ответа:

1)	+	macula densa, juxtaglomerular cells, extraglomerular mesangial cells
2)	-	macula densa and renal corpuscle
3)	-	juxtaglomerular cells and extraglomerular mesangial cells
4)	-	extraglomerular mesangial cells and glomerulus

**Задание №767**

Enzyme RENIN is produced by:

Выберите один из 4 вариантов ответа:

1)	+	juxtaglomerular cells
2)	-	extraglomerular mesangial cells
3)	-	glomerulus
4)	-	macula densa

**Задание №768**

Function of the macula densa:

Выберите один из 4 вариантов ответа:

1)	+	regulate the level of Na <sup>+</sup> concentration
2)	-	decrease reabsorption of sodium and chloride ions

3)	-	creat acidic nature of urine
4)	-	reduce Ca level in the blood

**Задание №769**

What is another term for lymphatic nodules?

Выберите один из 5 вариантов ответа:

1)	+	Lymph follicles
2)	-	White pulp
3)	-	Peyer's patches
4)	-	Lymph node
5)	-	Diffuse lymphatic tissue

**Задание №770**

What is another name for a splenic nodule?

Выберите один из 5 вариантов ответа:

1)	+	Malpighian corpuscle
2)	-	Trabeculae
3)	-	White pulp
4)	-	Red pulp
5)	-	Cords of Billroth

**Задание №771**

What is the term for the entire lymphatic region of the spleen?

Выберите один из 5 вариантов ответа:

1)	+	White pulp
2)	-	Malpighian corpuscle
3)	-	Trabeculae
4)	-	Red pulp
5)	-	Cords of Billroth

**Задание №772**

Which of the following is NOT a function of the spleen?

Выберите один из 5 вариантов ответа:

1)	+	All of the following are functions of the spleen
2)	-	Destruction of red blood cells
3)	-	Lymphocyte production
4)	-	Storage of blood
5)	-	Fetal blood cell formation

**Задание №773**

When looking at a lymph node, where are lymphatic nodules?

Выберите один из 5 вариантов ответа:

1)	+	Outer cortex
2)	-	Deep cortex
3)	-	Tertiary cortex
4)	-	Juxtamedullary cortex
5)	-	Paracortical zone

**Задание №774**

Stromal component of lymph nodes consists of:

Выберите один из 4 вариантов ответа:

1)	+	reticular cells, collagenous and reticular fibers, macrophages
2)	-	reticular cells, adipocytes, megakariocytes
3)	-	cells myeloid and lymphoid series
4)	-	T-lymphocytes, B-lymphocytes, vessels and nerves

**Задание №775**

Lymphatic nodules (follicles) are covered:

Выберите один из 4 вариантов ответа:

1)	+	reticuloendothelial cells, lying on the reticular fibers
2)	-	reticuloendothelial cells, lying on the elastic membrane
3)	-	epithelioreticular cells, lying on the basement membrane
4)	-	epithelioreticular cells, lying on the elastic fibers

**Задание №776**

Cortical substance of lymph node is composed:

Выберите один из 4 вариантов ответа:

1)	+	lymph nodules
2)	-	lymphatic sinuses
3)	-	bands of lymphoid tissue
4)	-	interdigitating cells and T-lymphocytes

**Задание №777**

Function of macrophages in the lymphatic nodules:

Выберите один из 4 вариантов ответа:

1)	+	change antigens from corpuscular form to molecular one
2)	-	transfer antibodies from molecular form to corpuscular one
3)	-	transfer antigens from molecular form to corpuscular one

4)	-	transfer T-lymphocytes into B-lymphocytes
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**Задание №778**

Plasmatic cells are formed from:

Выберите один из 4 вариантов ответа:

1)	+	B-lymphocytes
2)	-	monocytes
3)	-	T-lymphocytes
4)	-	macrophages

**Задание №779**

Function of plasmatic cells is:

Выберите один из 4 вариантов ответа:

1)	+	synthesis of antibodies
2)	-	synthesis of antigens
3)	-	transfer antigens from molecular form to corpuscular one
4)	-	transfer T-lymphocytes into B-lymphocytes

**Задание №780**

Function of lymphatic nodules:

Выберите один из 4 вариантов ответа:

1)	+	antigen - dependent proliferation and differentiation of B-lymphocytes occur
2)	-	antigen - dependent proliferation and differentiation of T-lymphocytes occur
3)	-	antigen - independent proliferation and differentiation of B-lymphocytes occur
4)	-	antigen - independent proliferation and differentiation of T-lymphocytes occur

**Задание №781**

Paracortical zone consists of:

Выберите один из 4 вариантов ответа:

1)	+	interdigitating cells and T-lymphocytes
2)	-	lymphatic sinuses
3)	-	lymph nodules
4)	-	T-lymphocytes and B-lymphocytes

**Задание №782**

Function of paracortical zone is:

Выберите один из 4 вариантов ответа:

1)	+	antigen - dependent proliferation and differentiation of T-lymphocytes
2)	-	antigen - independent proliferation and differentiation of T-lymphocytes

3)	-	antigen - dependent proliferation and differentiation of B-lymphocytes
4)	-	antigen - independent proliferation and differentiation of B-lymphocytes

**Задание №783**

T-lymphocytes differentiation into:

Выберите один из 4 вариантов ответа:

1)	+	T-memory, T-killers, T-supressors and T-helpers
2)	-	T-killers, T-supressors and plasmatic cells
3)	-	interdigitating cells and B-lymphocytes
4)	-	T-memory, T-killers, trombocytes and T-helpers

**Задание №784**

Subcapsula sinus is located:

Выберите один из 4 вариантов ответа:

1)	+	between the node capsule and lymphatic nodules
2)	-	between trabecules and follicles
3)	-	between trabecules and medullary bands
4)	-	between paracortical zone and cortical substance

**Задание №785**

Medullary sinuses are located:

Выберите один из 4 вариантов ответа:

1)	+	between trabecules and medullary bands
2)	-	between trabecules and follicles
3)	-	between the node capsule and lymphatic nodules
4)	-	between paracortical zone and cortical substance

**Задание №786**

Intermediate sinuses are located:

Выберите один из 4 вариантов ответа:

1)	+	between trabecules and follicles
2)	-	between the node capsule and lymphatic nodules
3)	-	between trabecules and medullary bands
4)	-	between paracortical zone and cortical substance

**Задание №787**

Stromal component of lymph nodes consists of:

Выберите один из 4 вариантов ответа:

1)	+	reticular cells, collagenous and reticular fibers, macrophages
----	---	--

2)	-	reticular cells, adipocytes, megakariocytes
3)	-	cells myeloid and lymphoid series
4)	-	T-lymphocytes, B-lymphocytes, vessels and nerves

**Задание №788**

Lymphatic nodules (follicles) are covered:

Выберите один из 4 вариантов ответа:

1)	+	reticuloendothelial cells, lying on the reticular fibers
2)	-	reticuloendothelial cells, lying on the elastic membrane
3)	-	epithelioreticular cells, lying on the basement membrane
4)	-	epithelioreticular cells, lying on the elastic fibers

**Задание №789**

Cortical substance of lymph node is composed:

Выберите один из 4 вариантов ответа:

1)	+	lymph nodules
2)	-	lymphatic sinuses
3)	-	bands of lymphoid tissue
4)	-	interdigitating cells and T-lymphocytes

**Задание №790**

Function of macrophages in the lymphatic nodules:

Выберите один из 4 вариантов ответа:

1)	+	change antigens from corpuscular form to molecular one
2)	-	transfer antibodies from molecular form to corpuscular one
3)	-	transfer antigens from molecular form to corpuscular one
4)	-	transfer T-lymphocytes into B-lymphocytes

**Задание №791**

Plasmatic cells are formed from:

Выберите один из 4 вариантов ответа:

1)	+	B-lymphocytes
2)	-	monocytes
3)	-	T-lymphocytes
4)	-	macrophages

**Задание №792**

Function of plasmatic cells is:

Выберите один из 4 вариантов ответа:

1)	+	synthesis of antibodies
2)	-	synthesis of antigens
3)	-	transfer antigens from molecular form to corpuscular one
4)	-	transfer T-lymphocytes into B-lymphocytes

**Задание №793**

Function of lymphatic nodules:

Выберите один из 4 вариантов ответа:

1)	+	antigen - dependent proliferation and differentiation of B-lymphocytes occur
2)	-	antigen - dependent proliferation and differentiation of T-lymphocytes occur
3)	-	antigen - independent proliferation and differentiation of B-lymphocytes occur
4)	-	antigen - independent proliferation and differentiation of T-lymphocytes occur

**Задание №794**

Paracortical zone consists of:

Выберите один из 4 вариантов ответа:

1)	+	interdigitating cells and T-lymphocytes
2)	-	lymphatic sinuses
3)	-	lymph nodules
4)	-	T-lymphocytes and B-lymphocytes

**Задание №795**

Function of paracortical zone is:

Выберите один из 4 вариантов ответа:

1)	+	antigen - dependent proliferation and differentiation of T-lymphocytes
2)	-	antigen - independent proliferation and differentiation of T-lymphocytes
3)	-	antigen - dependent proliferation and differentiation of B-lymphocytes
4)	-	antigen - independent proliferation and differentiation of B-lymphocytes

**Задание №796**

T-lymphocytes differentiation into:

Выберите один из 4 вариантов ответа:

1)	+	T-memory, T-killers, T-supressors and T-helpers
2)	-	T-killers, T-supressors and plasmatic cells
3)	-	interdigitating cells and B-lymphocytes
4)	-	T-memory, T-killers, trombocytes and T-helpers

**Задание №797**

Subcapsula sinus is located:



Выберите один из 4 вариантов ответа:

1)	+	between the node capsule and lymphatic nodules
2)	-	between trabecules and follicles
3)	-	between trabecules and medullary bands
4)	-	between paracortical zone and cortical substance

**Задание №798**

Medullary sinuses are located:

Выберите один из 4 вариантов ответа:

1)	+	between trabecules and medullary bands
2)	-	between trabecules and follicles
3)	-	between the node capsule and lymphatic nodules
4)	-	between paracortical zone and cortical substance

**Задание №799**

Intermediate sinuses are located:

Выберите один из 4 вариантов ответа:

1)	+	between trabecules and follicles
2)	-	between the node capsule and lymphatic nodules
3)	-	between trabecules and medullary bands
4)	-	between paracortical zone and cortical substance

**Задание №800**

Parenchyma of the spleen is composed:

Выберите один из 4 вариантов ответа:

1)	+	white and red pulp
2)	-	white and black pulp
3)	-	cortical and medullary substances
4)	-	cortical and paracortical zones

**Задание №801**

Name cells, which DOES NOT present in lymphatic nodules of spleen:

Выберите один из 4 вариантов ответа:

1)	+	epithelioreticular cells
2)	-	T-lymphocytes
3)	-	B-lymphocytes
4)	-	Plasmocytes

**Задание №802**

Function of periarterial zone:

Выберите один из 4 вариантов ответа:

1)	+	antigen - dependent proliferation and differentiation of T-lymphocytes occur
2)	-	antigen - dependent proliferation and differentiation of B-lymphocytes occur
3)	-	antigen - independent proliferation and differentiation of B-lymphocytes occur
4)	-	antigen - independent proliferation and differentiation of T-lymphocytes occur

**Задание №803**

Function of germinal centre:

Выберите один из 4 вариантов ответа:

1)	+	antigen - dependent proliferation and differentiation of B-lymphocytes occur
2)	-	antigen - dependent proliferation and differentiation of T-lymphocytes occur
3)	-	antigen - independent proliferation and differentiation of B-lymphocytes occur
4)	-	antigen - independent proliferation and differentiation of T-lymphocytes occur

**Задание №804**

Periarterial zone consists of:

Выберите один из 4 вариантов ответа:

1)	+	interdigitating cells and T-lymphocytes
2)	-	lymphatic sinuses
3)	-	T-lymphocytes and B-lymphocytes
4)	-	plasmocytes and B-lymphocytes

**Задание №805**

Mantle zone consists of:

Выберите один из 4 вариантов ответа:

1)	+	T-lymphocytes, plasmocytes, macrophages and B-lymphocytes
2)	-	interdigitating cells and T-lymphocytes
3)	-	lymphatic sinuses
4)	-	erythrocytes, thrombocytes and monocytes

**Задание №806**

What type of capillaries are located in the marginal zone?

Выберите один из 4 вариантов ответа:

1)	+	sinusoid capillaries
2)	-	fenestrated capillaries
3)	-	capillaries with continuous endothelial lining
4)	-	capillaries with continuous endothelial lining and fenestrated capillaries

**Задание №807**

Name function, which splenic red pulp DOES NOT perform?

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | formation of formed blood elements                           |
| 2) | - | depositing of mature blood elements                          |
| 3) | - | destroying of aged and injured erythrocytes and thrombocytes |
| 4) | - | monocytes differentiate into macrophages                     |

**Задание №808**

Function of the splenic white pulp is:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | antigen - dependent proliferation and differentiation of B-lymphocytes and T-lymphocytes |
| 2) | - | depositing of mature blood elements  |
| 3) | - | destroying of aged and injured erythrocytes and thrombocytes                             |
| 4) | - | monocytes differentiate into macrophages   |

**Задание №809**

Open blood supply is:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | flow of blood from capillaries directly into reticular tissue |
| 2) | - | flow of blood from capillaries into venous sinuses            |
| 3) | - | flow of blood from capillaries to central artery              |
| 4) | - | flow of blood from capillaries to penicillary arterioles      |

**Задание №810**

Close blood supply is:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | flow of blood from capillaries into venous sinuses            |
| 2) | - | flow of blood from capillaries directly into reticular tissue |
| 3) | - | flow of blood from capillaries to central artery              |
| 4) | - | flow of blood from capillaries to penicillary arterioles      |

**Задание №811**

How many seminiferous tubules are found in each testis of an average man?

Выберите один из 5 вариантов ответа:

- |    |   |         |
|----|---|---------|
| 1) | + | 400-600 |
| 2) | - | 4-6     |
| 3) | - | 40-60   |

4)	-	4000-6000
5)	-	40,000-60,000

**Задание №812**

Which of the following are produced by the Leydig cells?

Выберите один из 3 вариантов ответа:

1)	+	Testosterone
2)	-	Inhibin
3)	-	Androgen binding protein

**Задание №813**

Which of the following is NOT considered part of the male genital duct system?

Выберите один из 5 вариантов ответа:

1)	+	Seminal vesicles
2)	-	Rete testis
3)	-	Tubuli recti
4)	-	Ductus deferens
5)	-	Ductus epididymidis

**Задание №814**

What is the surface modification seen on the cells of the epididymis?

Выберите один из 4 вариантов ответа:

1)	+	Stereocilia
2)	-	Microvilli
3)	-	Cilia
4)	-	Keratinization

**Задание №815**

What type of hormone is testosterone?

Выберите один из 4 вариантов ответа:

1)	+	Steroid
2)	-	Protein
3)	-	Amino acid chain
4)	-	Catecholamine

**Задание №816**

Which of the following is true?

Выберите один из 5 вариантов ответа:

1)	+	There are two corpora cavernosa and one corpus spongiosum
----	---	---

2)	-	There is one corpus cavernosa and one corpus spongiosum
3)	-	There is one corpus cavernosa and two corpora spongiosum
4)	-	There are two corpora cavernosa and two corpora spongiosum
5)	-	There are four corpora cavernosa and two corpora spongiosum

**Задание №817**

What gland in the male is homologous to the greater vestibular gland in the female?

Выберите один из 5 вариантов ответа:

1)	+	Cowper's gland
2)	-	Bartholin's gland
3)	-	Prostate gland
4)	-	Skene's gland
5)	-	Brunner's gland

**Задание №818**

What is the most commonly seen type of epithelium in the prostate?

Выберите один из 5 вариантов ответа:

1)	+	Simple columnar
2)	-	Transitional
3)	-	Stratified squamous
4)	-	Simple squamous
5)	-	Simple cuboidal

**Задание №819**

What type of epithelium lines the epididymis?

Выберите один из 5 вариантов ответа:

1)	+	Pseudostratified
2)	-	Simple columnar
3)	-	Stratified squamous
4)	-	Simple squamous
5)	-	Simple cuboidal

**Задание №820**

Spermatozoa are formed in:

Выберите один из 4 вариантов ответа:

1)	+	seminiferous tubules
2)	-	rete testis
3)	-	ductuli efferentes

4)	-	epididymis
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**Задание №821**

The epididymis is composed of:

Выберите один из 4 вариантов ответа:

1)	+	ductuli efferentes and ductus epididymis
2)	-	rete testis
3)	-	tubuli recti
4)	-	ductus defrens and ductus epididymis

**Задание №822**

Name component, which DOES NOT form the wall of seminiferous tubule:

Выберите один из 4 вариантов ответа:

1)	+	submucous base
2)	-	tunica propria
3)	-	basal lamina
4)	-	seminiferous epithelium

**Задание №823**

The seminiferous epithelium is composed of:

Выберите один из 4 вариантов ответа:

1)	+	Sertoli cells and spermatogenic cells
2)	-	cells of Leydig and spermatogenic cells
3)	-	Sertoli cells and cells of Leydig
4)	-	monolayer squamous epithelium

**Задание №824**

Name cells, which are located in the basal compartment of the seminiferous tubule:

Выберите один из 4 вариантов ответа:

1)	+	spermatogonia
2)	-	spermatids
3)	-	spermatozoa
4)	-	secondary spermatocytes

**Задание №825**

Name cells, which are located in the adluminal compartment of the seminiferous tubule:

Выберите один из 4 вариантов ответа:

1)	+	primary and secondary spermatocytes, spermatids and spermatozoa
2)	-	spermatogonia, primary spermatocytes, spermatids, and spermatozoa

3)	-	Sertoli cells, cells of Leydig and spermatozoa
4)	-	Sertoli cells and spermatogonia

**Задание №826**

Name function, which Sertoli cells DOES NOT perform:

Выберите один из 4 вариантов ответа:

1)	+	delivers semen to the female reproductive tract
2)	-	nutritional support of the developing germ cells
3)	-	phagocytosis of cytoplasm eliminated of the developing germ cells
4)	-	synthesis and release of androgen-binding protein

**Задание №827**

Function of the dark type-A spermatogonia:

Выберите один из 4 вариантов ответа:

1)	+	reserve cells
2)	-	divide mitotically to give rise to primary spermatocytes
3)	-	divide mitotically to give rise to primary spermatids
4)	-	induced by testosterone to proliferate

**Задание №828**

Function of the pale type-A spermatogonia:

Выберите один из 4 вариантов ответа:

1)	+	induced by testosterone to proliferate
2)	-	divide mitotically to give rise to primary spermatocytes
3)	-	divide mitotically to give rise to primary spermatids
4)	-	reserve cells

**Задание №829**

Function of the type-B spermatogonia:

Выберите один из 4 вариантов ответа:

1)	+	divide mitotically to give rise to primary spermatocytes
2)	-	reserve cells
3)	-	divide mitotically to give rise to primary spermatids
4)	-	induced by testosterone to proliferate

**Задание №830**

Function of the diakinesis:

Выберите один из 4 вариантов ответа:

1)	+	exchanges segments (crossingover) of homologous chromosomes
----	---	---

2)	-	chromosomes begin to condense, forming long threads
3)	-	homologous pairs of chromosomes recognizable as tetrads (chromatids)
4)	-	begins the formation of the homologous pairs of chromosomes

**Задание №831**

Function of the pachytene:

Выберите один из 4 вариантов ответа:

1)	+	homologous pairs of chromosomes recognizable as tetrads (chromatids)
2)	-	exchanges segments (crossingover) of homologous chromosomes
3)	-	chromosomes begin to condense, forming long threads
4)	-	begins the formation of the homologous pairs of chromosomes

**Задание №832**

Function of the zygotene:

Выберите один из 4 вариантов ответа:

1)	+	begins the formation of the homologous pairs of chromosomes
2)	-	chromosomes begin to condense, forming long threads
3)	-	homologous pairs of chromosomes recognizable as tetrads (chromatids)
4)	-	exchanges segments (crossingover) of homologous chromosomes

**Задание №833**

How many chromosomes and chromatids primary spermatocytes include?

Выберите один из 4 вариантов ответа:

1)	+	46 chromosomes and 92 chromatids
2)	-	46 chromatids and 92 chromosomes
3)	-	96 chromosomes and 23 chromatids
4)	-	23 chromosomes and 46 chromatids

**Задание №834**

How many chromatids secondary spermatocytes include?

Выберите один из 4 вариантов ответа:

1)	+	46 chromatids and 23 chromosomes
2)	-	96 chromosomes and 43 chromatids
3)	-	92 chromatids and 46 chromosomes
4)	-	23 chromatids and 46 chromosomes

**Задание №835**

How many chromatids spermatids include?

Выберите один из 4 вариантов ответа:



1)	+	23 chromatids and 23 chromosomes
2)	-	46 chromosomes and 46 chromatids
3)	-	92 chromatids and 46 chromosomes
4)	-	96 chromosomes and 43 chromatids

**Задание №836**

Function of the spermatocytogenesis:

Выберите один из 4 вариантов ответа:

1)	+	differentiation of spermatogonia into primary spermatocytes
2)	-	transformation of spermatids into spermatozoa
3)	-	differentiation of spermatogonia into spermatids
4)	-	reduction division and forming haploid spermatids

**Задание №837**

Function of the spermiogenesis:

Выберите один из 4 вариантов ответа:

1)	+	transformation of spermatids into spermatozoa
2)	-	reduction division and forming haploid spermatids
3)	-	differentiation of spermatogonia into primary spermatocytes
4)	-	differentiation of spermatogonia into spermatids

**Задание №838**

Function of the meiosis:

Выберите один из 4 вариантов ответа:

1)	+	reduction division and forming of haploid spermatids
2)	-	reduction division and forming of diploid spermatids
3)	-	transformation of spermatids into spermatozoa
4)	-	differentiation of spermatogonia into primary spermatocytes

**Задание №839**

Function of Leydig`s cells:

Выберите один из 4 вариантов ответа:

1)	+	produce the hormone testosterone
2)	-	produce the hormone estrogens
3)	-	produce the hormone progesterone
4)	-	nutritional support of the developing germ cells

**Задание №840**

The rete testis consists of:

Выберите один из 4 вариантов ответа:		
1)	+	simple cuboidal epithelium with numerous short microvilli
2)	-	simple epithelium with nonciliated cuboidal cells and ciliated columnar cells
3)	-	pseudostratified epithelium
4)	-	seminiferous epithelium

<b>Задание №841</b>		
The ductuli efferentes consists of:		
Выберите один из 4 вариантов ответа:		
1)	+	simple epithelium with nonciliated cuboidal cells and ciliated columnar cells
2)	-	pseudostratified epithelium
3)	-	seminiferous epithelium
4)	-	simple cuboidal epithelium with numerous short microvilli

<b>Задание №842</b>		
The ductus deferens consists of:		
Выберите один из 4 вариантов ответа:		
1)	+	the mucous tunic, the smooth muscle tunic and adventitial tunic
2)	-	the mucous tunic and submucous base
3)	-	the mucous tunic, the transverse-striated muscular tunic and adventitial tunic
4)	-	the mucous tunic, the smooth muscle tunic and serous tunic

<b>Задание №843</b>		
Where is masticatory mucosa found?		
Выберите один из 5 вариантов ответа:		
1)	+	Hard palate
2)	-	Tongue underside
3)	-	Soft palate
4)	-	Lips
5)	-	Cheek

<b>Задание №844</b>		
What is the surface layer of masticatory mucosa composed of?		
Выберите один из 3 вариантов ответа:		
1)	+	Nonkeratinized stratified squamous epithelium and keratinized stratified squamous epithelium
2)	-	Simple squamous epithelium
3)	-	Pseudostratified squamous epithelium

**Задание №845**

Which layer is NOT present in masticatory epithelium?

Выберите один из 5 вариантов ответа:

- |    |   |                    |
|----|---|--------------------|
| 1) | + | Stratum lucidum    |
| 2) | - | Stratum basale     |
| 3) | - | Stratum spinosum   |
| 4) | - | Stratum granulosum |
| 5) | - | Stratum corneum    |

**Задание №846**

Which type of papillae on the tongue is the most abundant?

Выберите один из 5 вариантов ответа:

- |    |   |                        |
|----|---|------------------------|
| 1) | + | Filiform papillae      |
| 2) | - | Circumvallate papillae |
| 3) | - | Fungiform papillae     |
| 4) | - | Foliate papillae       |
| 5) | - | All of the above       |

**Задание №847**

Which type of papillae on the tongue is not well developed in man?

Выберите один из 5 вариантов ответа:

- |    |   |                        |
|----|---|------------------------|
| 1) | + | Foliate papillae       |
| 2) | - | Filiform papillae      |
| 3) | - | Circumvallate papillae |
| 4) | - | Fungiform papillae     |
| 5) | - | All of the above       |

**Задание №848**

What is Not structure feature of the mucous tunic oral cavity?

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | muscular lamina is present  |
| 2) | - | epithelium - stratified flat nonkeratinizing, here and there keratinizing |
| 3) | - | lamina propria forms papilla, extending into the epithelium               |
| 4) | - | muscular lamina is absent   |

**Задание №849**

How many parts do lips contain?

Выберите один из 4 вариантов ответа:

- |    |   |             |
|----|---|-------------|
| 1) | + | three parts |
|----|---|-------------|

2)	-	two parts
3)	-	five parts
4)	-	four parts

**Задание №850**

Name parts which are present in lips:

Выберите один из 4 вариантов ответа:

1)	+	the skin part, intermediate part (red border), the mucous part
2)	-	the skin part, lamina propria, the mucous part
3)	-	elastic lamina, intermediate part (red border), lamina propria
4)	-	the skin part, intermediate part (red border), basal membrane

**Задание №851**

Name type of epithelium which covers the skin part of the lips:

Выберите один из 4 вариантов ответа:

1)	+	stratified squamous keratinizing epithelium
2)	-	stratified squamous nonkeratinizing epithelium
3)	-	stratified transitional epithelium
4)	-	pseudostratified epithelium

**Задание №852**

Name type of epithelium which covers the intermediate part of the lips:

Выберите один из 4 вариантов ответа:

1)	+	keratinizing epithelium
2)	-	stratified squamous nonkeratinizing epithelium
3)	-	stratified transitional epithelium
4)	-	pseudostratified epithelium

**Задание №853**

Name type of epithelium which covers the mucous part of the lips:

Выберите один из 4 вариантов ответа:

1)	+	stratified squamous nonkeratinizing epithelium
2)	-	stratified transitional epithelium
3)	-	pseudostratified epithelium
4)	-	keratinizing epithelium

**Задание №854**

Name type of epithelium which forms the external surfaces of the cheeks:

Выберите один из 4 вариантов ответа:

1)	+	stratified squamous keratinizing epithelium
2)	-	stratified transitional epithelium
3)	-	pseudostratified epithelium
4)	-	stratified squamous nonkeratinizing epithelium

**Задание №855**

Name type of epithelium which forms the internal mucous surfaces of the cheeks:

Выберите один из 4 вариантов ответа:

1)	+	stratified squamous nonkeratinizing epithelium
2)	-	stratified transitional epithelium
3)	-	pseudostratified epithelium
4)	-	stratified squamous keratinizing epithelium

**Задание №856**

Name zone in which the salivary glands in the cheeks are absent:

Выберите один из 4 вариантов ответа:

1)	+	intermediate zone of the mucous
2)	-	maxillary zone of the mucous
3)	-	mandibular zone of the mucous
4)	-	external skin surfaces

**Задание №857**

Name structural components which are absent in the gums:

Выберите один из 4 вариантов ответа:

1)	+	the submucous base
2)	-	epithelium
3)	-	lamina propria
4)	-	mucous tunic

**Задание №858**

Name type of epithelium which covers the posterior surface of the soft palate:

Выберите один из 4 вариантов ответа:

1)	+	monolayer ciliated epithelium
2)	-	stratified transitional epithelium
3)	-	pseudostratified epithelium
4)	-	stratified squamous nonkeratinizing epithelium

**Задание №859**

Name type of epithelium which covers the anterior surface of the soft palate:

Выберите один из 4 вариантов ответа:		
1)	+	stratified squamous nonkeratinizing epithelium
2)	-	stratified transitional epithelium
3)	-	pseudostratified epithelium
4)	-	monolayer ciliated epithelium

Задание №860		
How many types of papillae are present in tongue:		
Выберите один из 4 вариантов ответа:		
1)	+	four
2)	-	two
3)	-	five
4)	-	three

Задание №861		
Name papillae which have common sensitivity function:		
Выберите один из 4 вариантов ответа:		
1)	+	filiformes papillae
2)	-	foliates papillae
3)	-	fungiformes papillae
4)	-	vallates papillae

Задание №862		
Taste buds consist of:		
Выберите один из 4 вариантов ответа:		
1)	+	taste (sensory), supporting, basal cells
2)	-	taste (sensory), supporting, common sensitivity cells
3)	-	supporting, common sensitivity cells, basal cells
4)	-	basal cells, mucous cells, common sensitivity cells

Задание №863		
Where is insulin secreted from?		
Выберите один из 5 вариантов ответа:		
1)	+	Beta cells
2)	-	Alpha cells
3)	-	Gamma cells
4)	-	Delta cells
5)	-	Acini

**Задание №864**

What structure is in the middle of the hepatic lobule?

Выберите один из 5 вариантов ответа:

1)	+	Central vein
2)	-	Hepatic artery
3)	-	Portal triad
4)	-	Portal vein
5)	-	Sinusoids

**Задание №865**

What is the space between the liver sinusoids and the hepatocytes called?

Выберите один из 5 вариантов ответа:

1)	+	Space of Disse
2)	-	Space of Mall
3)	-	Vacuole
4)	-	Lacuna
5)	-	Howship's lacuna

**Задание №866**

Which structures are part of the portal triad?

Выберите один из 3 вариантов ответа:

1)	+	Portal vein and hepatic artery
2)	-	Central vein
3)	-	Sinusoids

**Задание №867**

Which of the following is NOT a function of the liver?

Выберите один из 5 вариантов ответа:

1)	+	Storage of calcium
2)	-	Metabolism of bilirubin
3)	-	Deamination of amino acids
4)	-	Storage of iron
5)	-	Storage of copper

**Задание №868**

What is the functional unit of the liver?

Выберите один из 5 вариантов ответа:

1)	+	Lobule
2)	-	Portal triad

3)	-	Central vein
4)	-	Hepatocyte
5)	-	Sinusoids

**Задание №869**

Which of the following is the exocrine portion of the pancreas?

Выберите один из 5 вариантов ответа:

1)	+	Acini
2)	-	Islets of Langerhans
3)	-	Alpha cells
4)	-	Beta cells
5)	-	Delta cells

**Задание №870**

What is the name of the cellular mass for the endocrine portion of the pancreas?

Выберите один из 5 вариантов ответа:

1)	+	Islets of Langerhans
2)	-	Alpha cells
3)	-	Beta cells
4)	-	Delta cells
5)	-	Acini

**Задание №871**

What cells of the pancreas secrete somatostatin?

Выберите один из 5 вариантов ответа:

1)	+	Delta cells
2)	-	Islets of Langerhans
3)	-	Alpha cells
4)	-	Beta cells
5)	-	Gamma cells

**Задание №872**

Function of the Acinocytes:

Выберите один из 4 вариантов ответа:

1)	+	secretion of enzymes in inactive form
2)	-	producing of bicarbonate
3)	-	producing of somatostatin
4)	-	producing of vasoactive intestinal polypeptide



**Задание №873**

Function of the Centroacinar cells:

Выберите один из 4 вариантов ответа:

- |    |   |                                       |
|----|---|---------------------------------------|
| 1) | + | producing of bicarbonate              |
| 2) | - | synthesize hydrogen and chlorine ions |
| 3) | - | secretion of enzymes in inactive form |
| 4) | - | producing of somatostatin             |

**Задание №874**

Intercalated duct is composed of:

Выберите один из 4 вариантов ответа:

- |    |   |                                |
|----|---|--------------------------------|
| 1) | + | monolayer squamous epithelium  |
| 2) | - | stratified cuboidal epithelium |
| 3) | - | monolayer prismatic epithelium |
| 4) | - | monolayer cuboidal epithelium  |

**Задание №875**

Intralobular duct is composed of:

Выберите один из 4 вариантов ответа:

- |    |   |                                |
|----|---|--------------------------------|
| 1) | + | monolayer cuboidal epithelium  |
| 2) | - | stratified cuoidal epithelium  |
| 3) | - | monolayer prismatic epithelium |
| 4) | - | stratified squamous epithelium |

**Задание №876**

Interlobular duct is composed of:

Выберите один из 4 вариантов ответа:

- |    |   |                                |
|----|---|--------------------------------|
| 1) | + | monolayer prismatic epithelium |
| 2) | - | stratified squamous epithelium |
| 3) | - | stratified cuboidal epithelium |
| 4) | - | monolayer cuboidal epithelium  |

**Задание №877**

Function of the glucagon:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | increase of glucose level in blood                   |
| 2) | - | decrease of glucose level in blood                   |
| 3) | - | stimulates secretion of gastric and pancreatic juice |
| 4) | - | depresses secretion of gastric and pancreatic juice  |

**Задание №878**

Function of the insulin:

Выберите один из 4 вариантов ответа:

1)	+	decrease of glucose level in blood
2)	-	stimulates secretion of gastric and pancreatic juice
3)	-	increase of glucose level in blood
4)	-	depresses secretion of gastric and pancreatic juice

**Задание №879**

Function of the somatostatin:

Выберите один из 4 вариантов ответа:

1)	+	depresses secretion of insulin and glucagon
2)	-	stimulates secretion of gastric and pancreatic juice
3)	-	stimulates secretion of insulin and glucagon
4)	-	increase of glucose level in blood

**Задание №880**

Function of the vasoactive intestinal polypeptide:

Выберите один из 4 вариантов ответа:

1)	+	stimulates secretion of pancreatic juice
2)	-	increase of glucose level in blood
3)	-	depresses secretion of insulin and glucagon
4)	-	depresses secretion of pancreatic juice

**Задание №881**

Name cells, which produce pancreatic polypeptide:

Выберите один из 4 вариантов ответа:

1)	+	PP - cells
2)	-	A - cells
3)	-	D1 - cells
4)	-	B - cells

**Задание №882**

Name cells, which produce vasoactive intestinal polypeptide:

Выберите один из 4 вариантов ответа:

1)	+	D1 - cells
2)	-	D - cells
3)	-	PP - cells

4)	-	B - cells
----	---	-----------

**Задание №883**

Name cells, which produce insulin:

Выберите один из 4 вариантов ответа:

1)	+	B - cells
2)	-	D - cells
3)	-	PP - cells
4)	-	D1 - cells

**Задание №884**

Name cells, which produce glucagon:

Выберите один из 4 вариантов ответа:

1)	+	A - cells
2)	-	D1 - cells
3)	-	B - cells
4)	-	PP - cells

**Задание №885**

Name cells, which produce somatostatin:

Выберите один из 4 вариантов ответа:

1)	+	D - cells
2)	-	D1 - cells
3)	-	PP - cells
4)	-	A - cells

**Задание №886**

Hepatic lobule consists of:

Выберите один из 4 вариантов ответа:

1)	+	hepatic girders and lobular sinusoid hemocapillaries
2)	-	hepatic girders and bile capillaries
3)	-	hepatic acinus and central vein
4)	-	hepatic acinus and lobular sinusoid hemocapillaries

**Задание №887**

Hepatic girder consists of:

Выберите один из 4 вариантов ответа:

1)	+	two rows of hepatocytes and bile capillary, which is located between them
2)	-	two rows of hepatocytes and sinusoid capillary, which is located between them

3)	-	hepatic acinus and central vein
4)	-	hepatic acinus and lobular sinusoid hemocapillary, which is located between them

**Задание №888**

Bile is synthesized by:

Выберите один из 4 вариантов ответа:

1)	+	Golgi complex
2)	-	peroxisome
3)	-	granular endoplasmic reticulum
4)	-	agranular endoplasmic reticulum

**Задание №889**

According to the classic presentations structural and functional unit of the liver is:

Выберите один из 4 вариантов ответа:

1)	+	hepatic lobule
2)	-	portal lobule
3)	-	hepatic acinus
4)	-	hepatic girder

**Задание №890**

Name cells, which form the wall of bile capillaries:

Выберите один из 4 вариантов ответа:

1)	+	hepatocytes
2)	-	endotheliocytes
3)	-	epitheliocytes
4)	-	reticulocytes

**Задание №891**

Name functions of the hepatocyte granular endoplasmic reticulum:

Выберите один из 4 вариантов ответа:

1)	+	synthesis of blood proteins and enzymes
2)	-	glycogen synthesis
3)	-	bile excretion
4)	-	oxydation of fatty acids, detoxification of ethanol

**Задание №892**

Name functions of the hepatocyte peroxisomes:

Выберите один из 4 вариантов ответа:

1)	+	oxydation of fatty acids, detoxification of ethanol
2)	-	synthesis of blood proteins and enzymes
3)	-	bile excretion
4)	-	glycogen synthesis

**Задание №893**

Name hepatocyte organell, which participates in the glycogen synthesis:

Выберите один из 4 вариантов ответа:

1)	+	agranular endoplasmic reticulum
2)	-	Golgi complex
3)	-	peroxisome
4)	-	granular endoplasmic reticulum

**Задание №894**

Name structure, which is located in the center of the portal lobule:

Выберите один из 4 вариантов ответа:

1)	+	triada
2)	-	central vein
3)	-	hepatic acinus
4)	-	hepatic girder

**Задание №895**

Blood capillaries in the composition of the hepatic lobule run:

Выберите один из 4 вариантов ответа:

1)	+	between girders
2)	-	inside hepatic girder
3)	-	between hepatic acinuses
4)	-	between hepatic acinus and girder

**Задание №896**

Where do T lymphocytes gain their immunocompetence?

Выберите один из 5 вариантов ответа:

1)	+	Thymus
2)	-	Thyroid
3)	-	Bursa of Fabricus
4)	-	Bone marrow
5)	-	Lymph node

**Задание №897**

Which of the following is NOT made of a framework of reticular fibers?

Выберите один из 5 вариантов ответа:

- |    |   |                   |
|----|---|-------------------|
| 1) | + | Thymus            |
| 2) | - | Bone marrow       |
| 3) | - | Lymph node        |
| 4) | - | Spleen            |
| 5) | - | None of the above |

**Задание №898**

Antibodies are:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | proteins, which are synthesized by plasmatic cells and destruct antigens |
| 2) | - | organic components, capable to destruct organism                         |
| 3) | - | organic component, capable to destruct of embryo                         |
| 4) | - | proteins, which functions are synthesis of cancer cells                  |

**Задание №899**

Antigens are:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | organic components, capable to destruct organism                         |
| 2) | - | proteins, which function is to synthesize cancer cells                   |
| 3) | - | proteins, which are synthesized by plasmatic cells and destruct antigens |
| 4) | - | organic components, which are synthesized by B-lymphocytes               |

**Задание №900**

Central organs of immune system are:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | organs, which serve the processes of antigen - independent proliferation and differentiation of lymphocytes |
| 2) | - | organs, which serve the processes of antigen - dependent proliferation and differentiation of lymphocytes   |
| 3) | - | organs, which capable to destruct organism  |
| 4) | - | organs, which capable to generate the electric impulses   |

**Задание №901**

Peripheral organs of immune system are:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | organs, which serve the processes of antigen - dependent proliferation and differentiation of lymphocytes |
|----|---|---|

2)	-	organs, capable to destruct organism
3)	-	organs, which serve the processes of antigen - independent proliferation and differentiation of lymphocytes
4)	-	organs, which capable to generate the electric impulses

**Задание №902**

Stromal component of red bone marrow consists of:

Выберите один из 4 вариантов ответа:

1)	+	reticular cells, adipocytes, macrophages
2)	-	megakariocytes, elastic fibers
3)	-	cells of myeloid and lymphoid series
4)	-	vessels and nerves

**Задание №903**

Hemopoietic component of red bone marrow consists of:

Выберите один из 4 вариантов ответа:

1)	+	cells of myeloid and lymphoid series
2)	-	reticular cells, adipocytes, macrophages
3)	-	megakariocytes, elastic fibers
4)	-	vessels and nerves

**Задание №904**

Name type of capillaries, which are present in the red bone marrow:

Выберите один из 4 вариантов ответа:

1)	+	sinusoid
2)	-	fenestrated
3)	-	capillaries with continuous endothelial lining
4)	-	fenestrated and capillaries with continuous endothelial lining

**Задание №905**

Function of the megakariocytes in the red bone marrow:

Выберите один из 5 вариантов ответа:

1)	+	formation of trombocytes
2)	-	synthesis of hemoglobin
3)	-	destruction of trombocytes
4)	-	phagocytosis
5)	-	synthesis of antibodies

**Задание №906**

Name component, which does NOT enter in hemato-thymic barrier:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | reticuloendothelial cells                   |
| 2) | - | capillary endothelium                       |
| 3) | - | pericapillary space, containing macrophages |
| 4) | - | epithelioreticular cells                    |

**Задание №907**

Hassal`s bodies are represented by:

Выберите один из 4 вариантов ответа:

- |    |   |                                       |
|----|---|---------------------------------------|
| 1) | + | keratinized epithelioreticular cells  |
| 2) | - | keratinized reticuloendothelial cells |
| 3) | - | B - lymphocytes                       |
| 4) | - | T - lymphocytes                       |

**Задание №908**

Function of the cortical substance in the red bone marrow:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | maturation of T - lymphocytes                     |
| 2) | - | maturation of B - lymphocytes                     |
| 3) | - | maturation of T - lymphocytes and B - lymphocytes |
| 4) | - | formation of trombocytes                          |

**Задание №909**

Stromal component of the thymus consists of:

Выберите один из 4 вариантов ответа:

- |    |   |                                     |
|----|---|-------------------------------------|
| 1) | + | epithelioreticular cells            |
| 2) | - | reticuloendothelial cells           |
| 3) | - | B - lymphocytes and T - lymphocytes |
| 4) | - | megakariocytes, elastic fibers      |

**Задание №910**

Which cell is a respiratory macrophage?

Выберите один из 5 вариантов ответа:

- |    |   |                 |
|----|---|-----------------|
| 1) | + | Dust cell       |
| 2) | - | Kupffer cells   |
| 3) | - | Histiocyte      |
| 4) | - | Langerhans cell |
| 5) | - | Microglia       |



**Задание №911**

Which cell is a type of neuron?

Выберите один из 5 вариантов ответа:

- |    |   |                     |
|----|---|---------------------|
| 1) | + | Olfactory cells     |
| 2) | - | Basal cells         |
| 3) | - | Brush cells         |
| 4) | - | Sustentacular cells |
| 5) | - | All of the above    |

**Задание №912**

What cell types are found in the respiratory mucosa?

Выберите один из 5 вариантов ответа:

- |    |   |                      |
|----|---|----------------------|
| 1) | + | All of the following |
| 2) | - | Ciliated cells       |
| 3) | - | Goblet cells         |
| 4) | - | Basal cells          |
| 5) | - | Brush cells          |

**Задание №913**

What type of tissue makes up the epiglottis?

Выберите один из 5 вариантов ответа:

- |    |   |                   |
|----|---|-------------------|
| 1) | + | Elastic cartilage |
| 2) | - | Compact bone      |
| 3) | - | Spongy bone       |
| 4) | - | Hyaline cartilage |
| 5) | - | Fibrocartilage    |

**Задание №914**

What is the smallest airspace of the respiratory tree?

Выберите один из 5 вариантов ответа:

- |    |   |                        |
|----|---|------------------------|
| 1) | + | Alveoli                |
| 2) | - | Alveolar duct          |
| 3) | - | Alveolar sac           |
| 4) | - | Respiratory bronchiole |
| 5) | - | Terminal bronchiole    |

**Задание №915**

What type of epithelium lines the trachea?

Выберите один из 5 вариантов ответа:		
1)	+	Pseudostratified epithelium
2)	-	Simple squamous epithelium
3)	-	Simple cuboidal epithelium
4)	-	Simple columnar epithelium
5)	-	Stratified squamous epithelium

<b>Задание №916</b>		
Which structure is part of the conducting portion of the airway?		
Выберите один из 5 вариантов ответа:		
1)	+	Bronchi
2)	-	Alveolar ducts
3)	-	Alveoli
4)	-	Alveolar sacs
5)	-	Respiratory bronchioles

<b>Задание №917</b>		
What type of epithelium lines the vestibule?		
Выберите один из 5 вариантов ответа:		
1)	+	Stratified squamous epithelium
2)	-	Simple squamous epithelium
3)	-	Simple columnar epithelium
4)	-	Ciliated pseudostratified epithelium with goblet cells
5)	-	Transitional epithelium

<b>Задание №918</b>		
Function of the Clara cells:		
Выберите один из 4 вариантов ответа:		
1)	+	produce surfactant
2)	-	stimulate the proliferation of lymphocytes
3)	-	produce bicarbonate
4)	-	produce mucus

<b>Задание №919</b>		
Function of the Dendrite cells:		
Выберите один из 4 вариантов ответа:		
1)	+	stimulate the proliferation of lymphocytes
2)	-	produce surfactant
3)	-	absorb the mucous components

4)	-	produce mucus
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**Задание №920**

Where are the Goblet cells absent?

Выберите один из 4 вариантов ответа:

1)	+	in the terminal bronchioles
2)	-	in the small bronchi
3)	-	in the middle bronchi
4)	-	in the trachea

**Задание №921**

Where are the Clara cells present?

Выберите один из 4 вариантов ответа:

1)	+	in the terminal bronchioles
2)	-	in the middle bronchi
3)	-	in the trachea
4)	-	in the small bronchi

**Задание №922**

Respiratory bronchioles consist of:

Выберите один из 4 вариантов ответа:

1)	+	Clara cells, ciliated cells; partially, their wall is composed of alveoles
2)	-	alveoles, between which the bundles of smooth muscle cells are located
3)	-	ciliated, cells without cilia and Clara cells
4)	-	receptor, supporting and basal cells

**Задание №923**

Alveolar passage is composed of:

Выберите один из 4 вариантов ответа:

1)	+	alveoles, between which the bundles of smooth muscle cells are located
2)	-	ciliated, cells without cilia, and Clara cells
3)	-	receptor, supporting and basal cells
4)	-	Clara cells, ciliated cells; partially, their wall is composed of alveoles

**Задание №924**

Name component, which DOES NOT form aerohaematic barrier:

Выберите один из 4 вариантов ответа:

1)	+	cytoplasm of the alveolar cell Type II
2)	-	cytoplasm of the alveolar cell Type I

3)	-	cytoplasm of capillary endotheliocytes
4)	-	surfactant layer

**Задание №925**

Olfactory epithelium of the nasal cavity consists of:

Выберите один из 4 вариантов ответа:

1)	+	receptor, supporting and basal cells
2)	-	ciliated, cells without cilia, and Clara cells
3)	-	cells without cilia, dendrite cells, Clara cells and basal (low intercalated) cells
4)	-	basal (low intercalated) cells, ciliated cells, goblet cells and endocrine cells

**Задание №926**

Vocal cords are lined by:

Выберите один из 4 вариантов ответа:

1)	+	multilayer flat non-keratinized epithelium
2)	-	multilayer keratinized epithelium
3)	-	pseudostratified prismatic, ciliated epithelium
4)	-	pseudostratified cuboidal, ciliated epithelium

**Задание №927**

The trachea wall consists of:

Выберите один из 4 вариантов ответа:

1)	+	mucous membrane, fibro-cartilaginous membrane and adventitial membrane
2)	-	mucous membrane, submucous base, muscular tunic and adventitial membrane
3)	-	mucous membrane, submucous base, muscular tunic and serous tunic
4)	-	mucous membrane, fibro-cartilaginous membrane and serous tunic

**Задание №928**

The epithelium of trachea consists of:

Выберите один из 4 вариантов ответа:

1)	+	ciliated, goblet, endocrine and basal cells
2)	-	cells without cilia, dendrite cells, Clara cells and basal cells
3)	-	ciliated, cells without cilia, and Clara cells
4)	-	ciliated, cells without cilia, and dendrite cells

**Задание №929**

The large bronchi are characterized by:

Выберите один из 4 вариантов ответа:

1)	+	muscular bands form complete rings; hyaline cartilage is as laminas, glands are
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		numerous
2)	-	hyaline cartilages are almost complete rings, muscular tissue in a small quantity
3)	-	powerful development of the circular bundles of smooth muscle cells, absent glands
4)	-	muscular cells form big bundles, glands are lie between the islands of elastic cartilage

#### Задание №930

The small bronchi are characterized by:

Выберите один из 4 вариантов ответа:

1)	+	powerful development of the circular bundles of smooth muscle cells, absent glands
2)	-	hyaline cartilages are almost complete rings, muscular tissue in a small quantity
3)	-	muscular cells form big bundles, glands are lie between the islands of elastic cartilage
4)	-	muscular bands form complete rings; hyaline cartilage is as laminas, glands are numerous

#### Задание №931

The middle bronchi are characterized by:

Выберите один из 4 вариантов ответа:

1)	+	muscular cells form big bundles, glands are lie between the islands of elastic cartilage
2)	-	powerful development of the circular bundles of smooth muscle cells, absent glands
3)	-	hyaline cartilages are almost complete rings, muscular tissue in a small quantity
4)	-	muscular bands form complete rings; hyaline cartilage is as laminas, glands are numerous

#### Задание №932

The main bronchi are characterized by:

Выберите один из 4 вариантов ответа:

1)	+	hyaline cartilages are almost complete rings, muscular tissue in a small quantity
2)	-	muscular cells form big bundles, glands are lie between the islands of elastic cartilage
3)	-	muscular bands form complete rings; hyaline cartilage is as laminas, glands are

		numerous
4)	-	powerful development of the circular bundles of smooth muscle cells, absent glands

**Задание №933**

Name cells, which are present in Parotid gland:

Выберите один из 4 вариантов ответа:

1)	+	serocytes, myoepithelial cells
2)	-	myoepithelial cells, mucocytes
3)	-	mucocytes, serocytes, myoepithelial cells
4)	-	serocytes, mucocytes

**Задание №934**

Name cells, which are present in Submandibular gland:

Выберите один из 4 вариантов ответа:

1)	+	mucocytes, serocytes, myoepithelial cells
2)	-	serocytes, myoepithelial cells
3)	-	serocytes, mucocytes
4)	-	myoepithelial cells, mucocytes

**Задание №935**

Name cells, which are present in Sublingual gland:

Выберите один из 4 вариантов ответа:

1)	+	mucocytes, serocytes, myoepithelial cells
2)	-	myoepithelial cells, mucocytes
3)	-	serocytes, myoepithelial cells
4)	-	serocytes, mucocytes

**Задание №936**

Name terminal parts, which Parotid gland contains:

Выберите один из 4 вариантов ответа:

1)	+	albuminous
2)	-	mixed, mucous and albuminous
3)	-	albuminous and mixed
4)	-	mixed and mucous

**Задание №937**

Name terminal parts, which Sublingual gland contains:

Выберите один из 4 вариантов ответа:

1)	+	mixed, mucous and albuminous
2)	-	albuminous and mixed
3)	-	mucous
4)	-	mucous and albuminous

**Задание №938**

Name terminal parts, which Submandibular gland contains:

Выберите один из 4 вариантов ответа:

1)	+	albuminous and mixed
2)	-	mixed, mucous and albuminous
3)	-	mixed and mucous
4)	-	mucous and albuminous

**Задание №939**

Stroma of glands consists of:

Выберите один из 4 вариантов ответа:

1)	+	capsule, interlobular trabecules and intralobular connective tissue
2)	-	capsule and system of excretory ducts
3)	-	terminal parts and system of excretory ducts
4)	-	interlobular and intralobular trabecules

**Задание №940**

Parenchyma of glands consists of:

Выберите один из 4 вариантов ответа:

1)	+	terminal parts and system of excretory ducts
2)	-	capsule and system of excretory ducts
3)	-	capsule, interlobular trabecules and intralobular connective tissue
4)	-	interlobular and intralobular trabecules

**Задание №941**

Intercalated ducts consists of:

Выберите один из 4 вариантов ответа:

1)	+	monolayer squamous or cuboidal cells
2)	-	stratified cuboidal or squamous epithelial
3)	-	prismatic cells
4)	-	cuboidal or prismatic cells

**Задание №942**

Interlobular ducts consists of:

Выберите один из 4 вариантов ответа:

1)	+	prismatic cells
2)	-	stratified cuboidal or squamous epithelial
3)	-	cuboidal or prismatic cells
4)	-	monolayer squamous or cuboidal cells

**Задание №943**

Common excretory duct is represented by:

Выберите один из 4 вариантов ответа:

1)	+	stratified cuboidal or squamous epithelial
2)	-	monolayer squamous or cuboidal cells
3)	-	cuboidal or prismatic cells
4)	-	prismatic cells

**Задание №944**

Interlobular trabecules consist of:

Выберите один из 4 вариантов ответа:

1)	+	loose fibrous connective tissue
2)	-	dense fibrous connective tissue
3)	-	epithelial tissue
4)	-	smooth muscle tissue

**Задание №945**

Anatomically, the nervous system is divided into:

Выберите один из 4 вариантов ответа:

1)	+	central and peripheral
2)	-	somatic and vegetative
3)	-	somatic and peripheral
4)	-	vegetative and central

**Задание №946**

Physiologically, the nervous system is divided into:

Выберите один из 4 вариантов ответа:

1)	+	somatic and vegetative
2)	-	central and peripheral
3)	-	central and vegetative
4)	-	somatic and peripheral

**Задание №947**



Central nervous system includes:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | the brain and spinal cord              |
| 2) | - | ganglia, nerves, nerve endings         |
| 3) | - | spinal cord and cerebrospinal ganglion |
| 4) | - | nerves and nerve endings               |

**Задание №948**

Peripheral nervous system includes:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | ganglia, nerves, nerve endings         |
| 2) | - | the brain and spinal cord              |
| 3) | - | spinal cord and cerebrospinal ganglion |
| 4) | - | the brain and nerves                   |

**Задание №949**

The axons of motor neurons in anterior horns of spinal cord enter in the composition of:

Выберите один из 4 вариантов ответа:

- |    |   |                                |
|----|---|--------------------------------|
| 1) | + | anterior roots of spinal cord  |
| 2) | - | posterior roots of spinal cord |
| 3) | - | lateral roots of spinal cord   |
| 4) | - | posterior horns of spinal cord |

**Задание №950**

Proper nucleus of the posterior horns and thoracic nucleus are composed by:

Выберите один из 4 вариантов ответа:

- |    |   |                                |
|----|---|--------------------------------|
| 1) | + | multypolar associative neurons |
| 2) | - | multypolar motor neurons       |
| 3) | - | pseudounipolar sensory neurons |
| 4) | - | multypolar sensory neurons     |

**Задание №951**

Localization of the lateral intermediate nucleus:

Выберите один из 4 вариантов ответа:

- |    |   |                                   |
|----|---|-----------------------------------|
| 1) | + | in lateral horns of spinal cord   |
| 2) | - | in anterior horns of spinal cord  |
| 3) | - | in posterior horns of spinal cord |
| 4) | - | in anterior roots of spinal cord  |

**Задание №952**

The lateral intermediate nucleus is formed by:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | multypolar associative neurons of the vegetative nervous system |
| 2) | - | multypolar sensory neurons of the somatic nervous system        |
| 3) | - | multypolar motor neurons of the somatic nervous system          |
| 4) | - | multypolar sensory neurons of the vegetative nervous system     |

**Задание №953**

The medial group of nuclei in the anterior horns of spinal cord innervates:

Выберите один из 4 вариантов ответа:

- |    |   |                                      |
|----|---|--------------------------------------|
| 1) | + | muscles of the trunk                 |
| 2) | - | limb muscles                         |
| 3) | - | the internal organs, vessels, glands |
| 4) | - | body                                 |

**Задание №954**

The lateral group of nuclei in the anterior horns of spinal cord innervates:

Выберите один из 4 вариантов ответа:

- |    |   |                                      |
|----|---|--------------------------------------|
| 1) | + | limb muscles                         |
| 2) | - | muscles of the trunk                 |
| 3) | - | body                                 |
| 4) | - | the internal organs, vessels, glands |

**Задание №955**

Name the types of neurons in composition of cerebrospinal ganglion according to the morphological classification:

Выберите один из 4 вариантов ответа:

- |    |   |                |
|----|---|----------------|
| 1) | + | pseudounipolar |
| 2) | - | multipolar     |
| 3) | - | bipolar        |
| 4) | - | unipolar       |

**Задание №956**

Name the types of neurons in composition of cerebrospinal ganglion according to the functional classification:

Выберите один из 4 вариантов ответа:

- |    |   |             |
|----|---|-------------|
| 1) | + | sensory     |
| 2) | - | associative |

3)	-	motor
4)	-	motor-sensory

**Задание №957**

Parenchyma of the spleen is composed:

Выберите один из 4 вариантов ответа:

1)	+	white and red pulp
2)	-	white and black pulp
3)	-	cortical and medullary substances
4)	-	cortical and paracortical zones

**Задание №958**

Name cells, which DOES NOT present in lymphatic nodules of spleen:

Выберите один из 4 вариантов ответа:

1)	+	epithelioreticular cells
2)	-	T-lymphocytes
3)	-	B-lymphocytes
4)	-	Plasmocytes

**Задание №959**

Function of periarterial zone:

Выберите один из 4 вариантов ответа:

1)	+	antigen - dependent proliferation and differentiation of T-lymphocytes occur
2)	-	antigen - dependent proliferation and differentiation of B-lymphocytes occur
3)	-	antigen - independent proliferation and differentiation of B-lymphocytes occur
4)	-	antigen - independent proliferation and differentiation of T-lymphocytes occur

**Задание №960**

Function of germinal centre:

Выберите один из 4 вариантов ответа:

1)	+	antigen - dependent proliferation and differentiation of B-lymphocytes occur
2)	-	antigen - dependent proliferation and differentiation of T-lymphocytes occur
3)	-	antigen - independent proliferation and differentiation of B-lymphocytes occur
4)	-	antigen - independent proliferation and differentiation of T-lymphocytes occur

**Задание №961**

Periarterial zone consists of:

Выберите один из 4 вариантов ответа:

1)	+	interdigitating cells and T-lymphocytes
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2)	-	lymphatic sinuses
3)	-	T-lymphocytes and B-lymphocytes
4)	-	plasmocytes and B-lymphocytes

**Задание №962**

Mantle zone consists of:

Выберите один из 4 вариантов ответа:

1)	+	T-lymphocytes, plasmocytes, macrophages and B-lymphocytes
2)	-	interdigitating cells and T-lymphocytes
3)	-	lymphatic sinuses
4)	-	erythrocytes, thrombocytes and monocytes

**Задание №963**

What type of capillaries are located in the marginal zone?

Выберите один из 4 вариантов ответа:

1)	+	sinusoid capillaries
2)	-	fenestrated capillaries
3)	-	capillaries with continuous endothelial lining
4)	-	capillaries with continuous endothelial lining and fenestrated capillaries

**Задание №964**

Name function, which splenic red pulp DOES NOT perform?

Выберите один из 4 вариантов ответа:

1)	+	formation of formed blood elements
2)	-	depositing of mature blood elements
3)	-	destroying of aged and injured erythrocytes and thrombocytes
4)	-	monocytes differentiate into macrophages

**Задание №965**

Function of the splenic white pulp is:

Выберите один из 4 вариантов ответа:

1)	+	antigen - dependent proliferation and differentiation of B-lymphocytes and T-lymphocytes
2)	-	depositing of mature blood elements
3)	-	destroying of aged and injured erythrocytes and thrombocytes
4)	-	monocytes differentiate into macrophages

**Задание №966**

Open blood supply is:

Выберите один из 4 вариантов ответа:

1)	+	flow of blood from capillaries directly into reticular tissue
2)	-	flow of blood from capillaries into venous sinuses
3)	-	flow of blood from capillaries to central artery
4)	-	flow of blood from capillaries to penicillary arterioles

**Задание №967**

Close blood supply is:

Выберите один из 4 вариантов ответа:

1)	+	flow of blood from capillaries into venous sinuses
2)	-	flow of blood from capillaries directly into reticular tissue
3)	-	flow of blood from capillaries to central artery
4)	-	flow of blood from capillaries to penicillary arterioles

**Задание №968**

Name cells, which are developed from internal enamel epithelium:

Выберите один из 4 вариантов ответа:

1)	+	enameloblasts
2)	-	dentinoblasts
3)	-	cementocytes
4)	-	odontoblasts

**Задание №969**

Name dentine zone, which is located in the external part of the crown:

Выберите один из 4 вариантов ответа:

1)	+	interglobular dentine
2)	-	granular layer
3)	-	predentine
4)	-	periodontium

**Задание №970**

Name the inner part of dentine:

Выберите один из 4 вариантов ответа:

1)	+	predentine
2)	-	interglobular dentine
3)	-	granular layer
4)	-	periodontium

**Задание №971**

Cement is developed from:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | the inner part of the dental sac       |
| 2) | - | the outer part of the dental sac       |
| 3) | - | the internal enamel epithelium         |
| 4) | - | the outer layer of the dental papillae |

**Задание №972**

Periodontium is developed from:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | the outer part of the dental sac       |
| 2) | - | the internal enamel epithelium         |
| 3) | - | the inner part of the dental sac       |
| 4) | - | the outer layer of the dental papillae |

**Задание №973**

Dentinoblasts are formed from:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | the outer layer of the dental papillae |
| 2) | - | the outer part of the dental sac       |
| 3) | - | the internal enamel epithelium         |
| 4) | - | the inner part of the dental sac       |

**Задание №974**

Tooth pulp is developed from:

Выберите один из 4 вариантов ответа:

- |    |   |                                |
|----|---|--------------------------------|
| 1) | + | dental papilla                 |
| 2) | - | dental sac                     |
| 3) | - | odontoblasts                   |
| 4) | - | the epithelium of tooth lamina |

**Задание №975**

Cellular cement:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | covers the root apex, the cells lie in lacunae |
| 2) | - | covers the whole surface of a tooth roots      |
| 3) | - | is located in the external part of the crown   |
| 4) | - | joins to the layer of odontoblasts             |

**Задание №976**

The bodies of the dentinoblasts are located:

Выберите один из 4 вариантов ответа:

- |    |   |                                     |
|----|---|-------------------------------------|
| 1) | + | in the peripheral pulp layer        |
| 2) | - | in the inner part of the dental sac |
| 3) | - | in the external part of the crown   |
| 4) | - | in the dentine granular layer       |

**Задание №977**

Dentine zones are:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | predentine, interglobular dentine, granular layer |
| 2) | - | granular layer and agranular layer                |
| 3) | - | cellular and acellular layer                      |
| 4) | - | interglobular dentine and predentine              |

**Задание №978**

Tooth pulp is composed of:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | loose connective tissue with a large amount of vessels and nerves                  |
| 2) | - | fibrous osseous tissue, but the vessels are absent                                 |
| 3) | - | dense connective tissue with a large amount of vessels and nerves                  |
| 4) | - | calcified intercellular substance, including collagenous fibers and main substance |

**Задание №979**

Cuticle is developed from:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | intermediate epithelium of the pulp enamel organ |
| 2) | - | the outer part of the dental sac                 |
| 3) | - | the outer layer of the dental papillae           |
| 4) | - | internal enamel epithelium                       |

**Задание №980**

Types of cement are:

Выберите один из 4 вариантов ответа:

- |    |   |                            |
|----|---|----------------------------|
| 1) | + | cellular and acellular     |
| 2) | - | granular and agranular     |
| 3) | - | interglobular and cellular |

4)	-	interglobular and granular
----	---	----------------------------

**Задание №981**

Predentine is located:

Выберите один из 4 вариантов ответа:

1)	+	in the inner part of dentine, adjacent to the layer of odontoblasts
2)	-	in the external part of the crown
3)	-	on the whole surface of a tooth roots
4)	-	in the outer part of dentine, adjacent to the layer of ameloblasts

**Задание №982**

Which cell type are involved in the secretion thyroglobulin?

Выберите один из 5 вариантов ответа:

1)	+	Follicular cells
2)	-	Principal cell
3)	-	Oxyphil cell
4)	-	Parafollicular cells
5)	-	Chromaffin cells

**Задание №983**

Name hormone, which is produced by parafollicular cells:

Выберите один из 4 вариантов ответа:

1)	+	calcitonin
2)	-	thyroxin
3)	-	triiodthyronine
4)	-	parathyrine

**Задание №984**

Function of the parathyrine:

Выберите один из 4 вариантов ответа:

1)	+	activation of the osteoclasts, which release Ca <sup>2+</sup> and helps its entering into the blood
2)	-	reducing of the Ca <sup>2+</sup> level in the blood by the activation of osteoblasts and osteocyt
3)	-	activation of the entire organism growth
4)	-	stimulation of endocrine function of adrenal cortex

**Задание №985**

Name hormones, which are produced by follicular cells (thyrocyti):

Выберите один из 4 вариантов ответа:

--	--	--



1)	+	thyroxin and triiodthyronine
2)	-	calcitonin and thyroxin
3)	-	somatostatin and thyroxin
4)	-	calcitonin and somatostatin

**Задание №986**

Structural and functional unit of the thyroid gland is:

Выберите один из 4 вариантов ответа:

1)	+	follicle
2)	-	epithelial band (trabecula)
3)	-	lymphatic nodule
4)	-	germinal center

**Задание №987**

Name hormone, which is produced by parathyroid gland:

Выберите один из 4 вариантов ответа:

1)	+	parathyrine
2)	-	calcitonin
3)	-	thyroxin
4)	-	triiodthyronine

**Задание №988**

Function of the calcitonin:

Выберите один из 4 вариантов ответа:

1)	+	reducing of the Ca 2+ level in the blood by the activation of osteoblasts and osteocyt <sup>i</sup>
2)	-	stimulation of endocrine function of adrenal cortex
3)	-	activation of the entire organism growth
4)	-	activation of the osteoclasts, which release Ca 2+ and helps its entering into the blood

**Задание №989**

Parenchyma of the thyroid gland consists of:

Выберите один из 4 вариантов ответа:

1)	+	follicles and interfollicular islands
2)	-	interfollicular islands and capsule from dense fibrous connective tissue
3)	-	follicles and trabecules from dense fibrous connective tissue
4)	-	interstitial tissue and follicles

**Задание №990**

Biosynthesis of thyroglobulin protein takes place in:

Выберите один из 4 вариантов ответа:

1)	+	granular endoplasmic reticulum
2)	-	Golgi apparatus
3)	-	lysosome
4)	-	mitochondria

**Задание №991**

Structural and functional unit of the parathyroid gland is:

Выберите один из 4 вариантов ответа:

1)	+	epithelial band (trabecula)
2)	-	lymphatic nodule
3)	-	germinal center
4)	-	follicle

**Задание №992**

Stroma of the thyroid gland consists of:

Выберите один из 4 вариантов ответа:

1)	+	interstitial tissue, capsula and trabecules from dense fibrous connective tissue
2)	-	follicles and interfollicular islands
3)	-	interstitial tissue and follicles
4)	-	follicles and trabecules from dense fibrous connective tissue

**Задание №993**

At what level of the vascular tree does gas exchange occur?

Выберите один из 5 вариантов ответа:

1)	+	Capillary
2)	-	Arteriole
3)	-	Venule
4)	-	Elastic artery
5)	-	Muscular artery

**Задание №994**

In which structure are things moved across the epithelium via pinocytotic vesicles?

Выберите один из 5 вариантов ответа:

1)	+	Continuous capillaries
2)	-	Fenestrated capillaries
3)	-	Sinusoidal capillaries

4)	-	AV anastomoses
5)	-	Venous sinus

**Задание №995**

What is a thoroughfare which is an intermediate between an arteriole and capillary?

Выберите один из 5 вариантов ответа:

1)	+	Metarteriole
2)	-	Metcapillary
3)	-	Metartery
4)	-	Metvenule
5)	-	None of the above

**Задание №996**

Which of the following is a distinct structure found specifically in the liver, spleen, and bone marrow?

Выберите один из 5 вариантов ответа:

1)	+	Sinusoidal capillaries
2)	-	Continuous capillaries
3)	-	Fenestrated capillaries
4)	-	AV anastomoses
5)	-	Venous sinus

**Задание №997**

Arterioles compose of:

Выберите один из 4 вариантов ответа:

1)	+	endothelium, lying on the basement membrane, internal elastic lamina, smooth muscle cells and adventitia
2)	-	endothelium, lying on the basement membrane, subendothelial layer and plexuses of fibres
3)	-	endothelium, lying on the basement membrane, smooth muscle cells and adventitia
4)	-	endothelium, pericytes, smooth muscle cells and adventitia

**Задание №998**

Name vessel, in wall of which pores are present:

Выберите один из 4 вариантов ответа:

1)	+	sinusoid capillaries
2)	-	collecting venules
3)	-	fenestrated capillaries

4)	-	muscular venules
----	---	------------------

**Задание №999**

Name vessel, in wall of which one or two layers of smooth muscle cells are present:

Выберите один из 4 вариантов ответа:

1)	+	muscular venules
2)	-	fenestrated capillaries
3)	-	capillaries with continuous endothelial lining
4)	-	postcapillaries venules

**Задание №1000**

Capillaries with continuous endothelial lining compose of:

Выберите один из 4 вариантов ответа:

1)	+	endothelium, basement membrane, pericytes and adventitia
2)	-	endothelium, lying on the basement membrane, smooth muscle cells and adventitia
3)	-	endothelium, basement membrane, pericytes, pores and adventitia
4)	-	endothelium, lying on the basement membrane, subendothelial layer, external elastic membrane

**Задание №1001**

Collecting venules compose of:

Выберите один из 4 вариантов ответа:

1)	+	smooth muscle cells appear in their wall
2)	-	endothelium, basement membrane, pericytes and adventitia
3)	-	one to two layers of smooth muscle cells in the middle lamina
4)	-	endothelium, basement membrane, pericytes, pores and adventitia

**Задание №1002**

Name capillaries, which are presence in endocrine organs:

Выберите один из 4 вариантов ответа:

1)	+	fenestrated capillaries
2)	-	capillaries with continuous endothelial lining
3)	-	precapillaries
4)	-	sinusoid capillaries

**Задание №1003**

Name anastomose, in subendothelial layer of which smooth muscle cells are present:

Выберите один из 3 вариантов ответа:

1)	+	AVA with special contractile elements
----	---	---------------------------------------

2)	-	simple AVA
3)	-	atypical AVA

**Задание №1004**

Atypical AVA consists of:

Выберите один из 4 вариантов ответа:

1)	+	a shot vessel, which junctions of arterioles and venules
2)	-	contractile element, which is presence in subendothelial layer of vessel
3)	-	contractile element, which is presence in middle layer of vessel
4)	-	pericytes and adventitia of vessel

**Задание №1005**

Name capillaries, which are presence in spleen:

Выберите один из 4 вариантов ответа:

1)	+	sinusoid capillaries
2)	-	capillaries with continuous endothelial lining
3)	-	fenestrated capillaries
4)	-	precapillaries

**Задание №1006**

Name capillaries, which are presence in lungs:

Выберите один из 4 вариантов ответа:

1)	+	capillaries with continuous endothelial lining
2)	-	sinusoid capillaries
3)	-	fenestrated capillaries
4)	-	precapillaries

**Задание №1007**

Name organs, which form neurosensory type of visual organs:

Выберите один из 4 вариантов ответа:

1)	+	visual organ and organ of smell
2)	-	visual organ and organ of hearing
3)	-	visual organ, organ of smell and organ of taste
4)	-	organ of hearing, equilibrium and organ of taste

**Задание №1008**

Name organs, which form sensory - epithelial type of visual organs:

Выберите один из 4 вариантов ответа:

1)	+	organ of hearing, equilibrium and organ of taste
----	---	--

2)	-	visual organ and organ of hearing
3)	-	visual organ, organ of equilibrium and organ of taste
4)	-	visual organ and organ of smell

**Задание №1009**

Photorefracting apparatus consist of:

Выберите один из 4 вариантов ответа:

1)	+	cornea, watery humor, the lens and vitreous body
2)	-	cornea, watery humor, the lens and retina
3)	-	iris, ciliary body, ciliary zonula
4)	-	retina, anterior and posterior chamber

**Задание №1010**

Resceptor apparatus consist of:

Выберите один из 4 вариантов ответа:

1)	+	retina
2)	-	retina, anterior and posterior chamber
3)	-	iris, ciliary body, ciliary zonula
4)	-	cornea, watery humor, the lens and vitreous body

**Задание №1011**

Accomodative apparatus consist of:

Выберите один из 4 вариантов ответа:

1)	+	iris, ciliary body, ciliary zonula
2)	-	retina
3)	-	cornea, watery humor, the lens and vitreous body
4)	-	cornea, the lens, iris, ciliary body, ciliary zonula

**Задание №1012**

Function of the photorefracting apparatus:

Выберите один из 4 вариантов ответа:

1)	+	refraction of beams
2)	-	changing the form of the lens and focuses an image on the retina
3)	-	perception of the light signal
4)	-	changing the form of the lens and primary processing of the light signal

**Задание №1013**

Function of the accomodative apparatus:

Выберите один из 4 вариантов ответа:

1)	+	changing the form of the lens and focuses an image on the retina
2)	-	perception of the light signal
3)	-	refraction of beams
4)	-	changing the form of the lens and perception of the light signal

**Задание №1014**

Function of the reseptor apparatus:

Выберите один из 4 вариантов ответа:

1)	+	perception and primary processing of the light signal
2)	-	changing the form of the lens and focuses an image on the retina
3)	-	refraction of beams
4)	-	changing the form of the lens and primary processing of the light signal

**Задание №1015**

Name layer, which is NOT structure of cornea:

Выберите один из 4 вариантов ответа:

1)	+	vascular layer
2)	-	anterior and posterior epithelium
3)	-	proper substance
4)	-	anterior and posterior boundary membranes

**Задание №1016**

Name layer, which is NOT structure of iris:

Выберите один из 4 вариантов ответа:

1)	+	supravascular layer
2)	-	external and internal boundary layers
3)	-	vascular layer
4)	-	anterior and posterior epithelium

**Задание №1017**

Name layer, which is NOT structure of vascular tunic proper:

Выберите один из 4 вариантов ответа:

1)	+	anterior and posterior epithelium
2)	-	vascular layer
3)	-	vascular - capillary layer
4)	-	supravascular layer

**Задание №1018**

What is NOT structure of vascular tunic:

Выберите один из 4 вариантов ответа:

1)	+	retina
2)	-	ciliary body
3)	-	vascular tunic proper
4)	-	iris

**Задание №1019**

What is NOT structure of ciliary body:

Выберите один из 4 вариантов ответа:

1)	+	ciliary tunic
2)	-	ciliary processes
3)	-	ciliary epithelium
4)	-	ciliary muscles

**Задание №1020**

Fibrous tunic consists of:

Выберите один из 4 вариантов ответа:

1)	+	sclera and cornea
2)	-	cornea and iris
3)	-	ciliary body, vascular tunic proper and iris
4)	-	sclera, anterior and posterior chamber

**Задание №1021**

Name layers, which is formed by photoreceptor cells:

Выберите один из 4 вариантов ответа:

1)	+	external nuclear layer, external reticular layer, photoreceptor layer
2)	-	internal nuclear layer, internal reticular layer, photoreceptor layer
3)	-	internal nuclear layer, external nuclear layer, photoreceptor layer
4)	-	pigmental layer, ganglionic layer, photoreceptor layer

**Задание №1022**

The external reticular layer is formed by:

Выберите один из 4 вариантов ответа:

1)	+	axons of photoreceptor cells and dendrites of bipolar and horizontal cells
2)	-	dendrites of photoreceptor cells and axons of bipolar and horizontal cells
3)	-	axons of photoreceptor cells and axons of bipolar and amacrine cells
4)	-	axons of photoreceptor cells and dendrites of ganglionic and horizontal cells

**Задание №1023**



The internal reticular layer is formed by:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | axons of bipolar cells and dendrites of ganglionic and amacrine cells      |
| 2) | - | axons of photoreceptor cells and dendrites of bipolar and horizontal cells |
| 3) | - | axons of ganglionic cells and dendrites of bipolar and amacrine cells      |
| 4) | - | processes of neuroglia cells   |

**Задание №1024**

The external nuclear layer is formed by:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | bodes of photoreceptor cells                          |
| 2) | - | bodes of pigment cells                                |
| 3) | - | bodes of ganglionic cells and bodes of amacrine cells |
| 4) | - | bodes of bipolar, horizontal and amacrine cells       |

**Задание №1025**

The internal nuclear layer is formed by:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | bodes of bipolar, horizontal, amacrine and neuroglia cells |
| 2) | - | bodes of photoreceptor, horizontal and amacrine cells      |
| 3) | - | bodes of photoreceptor cells                               |
| 4) | - | bodes of ganglionic amacrine and neuroglia cells           |

**Задание №1026**

Photoreceptor layer is formed by:

Выберите один из 4 вариантов ответа:

- |    |   |                                  |
|----|---|----------------------------------|
| 1) | + | dendrites of photoreceptor cells |
| 2) | - | axons of photoreceptor cells     |
| 3) | - | dendrites of ganglionic cells    |
| 4) | - | processes of neuroglia cells     |

**Задание №1027**

Name layers, which is formed by ganglionic cells:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | internal reticular layer, ganglionic layer and layer of nerve fibers     |
| 2) | - | internal nuclear layer, internal reticular layer, photoreceptor layer    |
| 3) | - | internal nuclear layer, external nuclear layer and layer of nerve fibers |
| 4) | - | pigmental layer, ganglionic layer, photoreceptor layer                   |

**Задание №1028**

Name layers, which is formed by bipolar cells:

Выберите один из 3 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | internal nuclear layer, external and internal reticular layer        |
| 2) | - | internal reticular layer, ganglionic layer and layer of nerve fibers |
| 3) | - | pigmental layer, ganglionic layer, photoreceptory layer              |

**Задание №1029**

Rods and conuses are:

Выберите один из 4 вариантов ответа:

- |    |   |  |
|----|---|--|
| 1) | + | modified dendrites of the photoreceptory bipolar neurons |
| 2) | - | modified axons of the photoreceptory bipolar neurons     |
| 3) | - | modified dendrites of the ganglionic neurons             |
| 4) | - | modified axons of the ganglionic neurons                 |

**Задание №1030**

Function of horizontal neurons:

Выберите один из 4 вариантов ответа:

- |    |   |   |
|----|---|---|
| 1) | + | blockade of the impulses transmission from photoreceptory neurons to the bipolar neurons    |
| 2) | - | blockade of the impulses transmission from bipolar neurons to the ganglionic neurons        |
| 3) | - | blockade of the impulses transmission from photoreceptory neurons to the ganglionic neurons |
| 4) | - | blockade of the impulses transmission from ganglionic neurons to the bipolar neurons        |

**Задание №1031**

Which of the following is composed of loose connective tissue?

Выберите один из 3 вариантов ответа:

- |    |   |                           |
|----|---|---------------------------|
| 1) | + | Hypodermis                |
| 2) | - | Epidermis                 |
| 3) | - | Reticular layer of dermis |

**Задание №1032**

Where is thick skin found?

Выберите один из 5 вариантов ответа:

- |    |   |                  |
|----|---|------------------|
| 1) | + | Sole of the feet |
| 2) | - | Over the knee    |
| 3) | - | Breast           |

4)	-	Lips
5)	-	All of the above

**Задание №1033**

Which layer of the epidermis has cells which have keratohyaline granules?

Выберите один из 5 вариантов ответа:

1)	+	Stratum granulosum
2)	-	Stratum basale
3)	-	Stratum spinosum
4)	-	Stratum lucidum
5)	-	Stratum corneum

**Задание №1034**

Which cell is a macrophage found in the skin?

Выберите один из 5 вариантов ответа:

1)	+	Langerhans cell
2)	-	Kupffer cells
3)	-	Histiocyte
4)	-	Dust cell
5)	-	Microglia

**Задание №1035**

Which cell is it supposedly stimulating?

Выберите один из 5 вариантов ответа:

1)	+	Fibroblast
2)	-	Langerhans cell
3)	-	Keratinocyte
4)	-	Melanocyte
5)	-	Merkel cell

**Задание №1036**

What is the half moon shaped white area on a nail called?

Выберите один из 5 вариантов ответа:

1)	+	Lunula
2)	-	Eponychium
3)	-	Matrix
4)	-	Nail bed
5)	-	Root

**Задание №1037**

What is the growing part of the nail?

Выберите один из 5 вариантов ответа:

1)	+	Matrix
2)	-	Lunula
3)	-	Eponychium
4)	-	Nail bed
5)	-	Root

**Задание №1038**

What type of glands are the ceruminous glands?

Выберите один из 5 вариантов ответа:

1)	+	Apocrine sweat gland
2)	-	Sebaceous glands
3)	-	Eccrine sweat gland
4)	-	Endocrine gland
5)	-	Oil gland

**Задание №1039**

Which of the following is the most abundant sensory receptor of the skin?

Выберите один из 5 вариантов ответа:

1)	+	Free nerve endings
2)	-	Ruffini's corpuscles
3)	-	Pacinian corpuscles
4)	-	Krause's end bulbs
5)	-	Meissner's corpuscle