

1	Labium oris (HE)	51	Labium minus (HE)
2	Apex linguae (HE)	52	Hypophysis cerebri (HE)
3	Papilla circumvallata (HE)	53	Epiphysis (HE)
4	Tonsilla lingualis (HE)	54	Glandula thyreoidea (HE)
5	Palatum molle (HE)	55	Glandula parathyreoidea (HE)
6	Tonsilla palatina (HE)	56	Corpus suprarenale (HE)
7	Tooth (HE)	57	Thymus (young) (HE)
8	Glandula parotis (HE)	58	Thymus (involution) (HE)
9	Glandula submandibularis (HE)	59	Muscle artery and vein (HE)
10	Glandula sublingualis (HE)	60	Muscle artery and vein (orcein)
11	Oesophagus (HE)	61	Aorta (HE)
12	Cardia (HE)	62	Aorta (orcein)
13	Fundus ventriculi (HE)	63	Vena cava (HE)
14	Pylorus (HE)	64	Myocardium (HE)
15	Duodenum (HE)	65	Myocardium (Heidenhein)
16	Intestinum tenue (HE)	66	Lymphonodus (HE)
17	Intestinum crassum (HE)	67	Lien (HE)
18	Appendix (HE)	68	Lien (impregnation)
19	Anus (HE)	69	Skin from the top of finger (HE)
20	Hepar (HE)	70	Skin from the axilla (HE)
21	Hepar (Azan)	71	Skin with hair (HE)
22	Vesica fellea (HE)	72	Nail (HE)
23	Pancreas (HE)	73	Mamma non lactans (HE)
24	Concha nasi (HE)	74	Mamma lactans (HE)
25	Epiglottis (HE)	75	Cortex cerebri (HE)
26	Larynx (HE)	76	Cortex cerebri (impregnation)
27	Trachea (HE)	77	Cerebellum (impregnation)
28	Elastic cartilage (orcein)	78	Cerebellum (Nissl)
29	Pulmo (HE)	79	Medulla spinalis (HE)
30	Ren (HE)	80	Plexus choroideus (HE)
31	Ren (Weigert-van Gieson)	81	Ganglion spinale (HE)
32	Calyx renalis (HE)	82	Ganglion spinale (impregnation)
33	Ureter (HE)	83	Autonomic ganglion (HE)
34	Vesica urinialis (HE)	84	Peripheral nerve – cross section (HE)
35	Urethra feminina (HE)	85	Peripheral nerve – cross section (myelin)
36	Testis (HE)	86	Peripheral nerve – longit. section (HE)
37	Epididymis (HE)	87	Peripheral nerve – longit. section (myelin)
38	Funiculus spermaticus (HE)	88	Anterior segment of the eye (HE)
39	Vesicula seminalis (HE)	89	Posterior segment of the eye (HE)
40	Prostata (HE, Azan)	90	Fasciculus opticus (HE)
41	Penis (HE, HES)	91	Palpebra (HE)
42	Ovarium (human, monkey) (HE)	92	Glandula lacrimalis (HE)
43	Ovarium (cat) (HE)	93	Cochlea (HE)
44	Corpus luteum (HE)	94	Auricle (HE, HES)
45	Tuba uterina – ampulla (HE)	95	Bone (Schmorl)
46	Tuba uterina – isthmus (HE)	96	Ossification (HE)
47	Uterus – proliferative phase (HE)	97	-----
48	Uterus – secretory phase (HE)	98	-----
49	Vagina – glykogen (Best's carmine)	99	Umbilical cord (HE, Azan)
50	Vagina (HE)	100	Placenta (HE)

Human ovarian follicle	1	Surface of the oviduct epithelium (REM)	30
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1	Oocyte (1), zona pellucida (2), follicular cells (3), fibrocyte (4), blood vesel (5)
2	Cell nucleus: euchromatin (1), heterochromatin (2), nucleolus (→)
3	Nucleus of nerve cell with euchromatin: nuclear envelope with numerous pores (→)
4	Inner (1) and outer (2) membrane of nuclear envelope; nuclear pore (→) (<i>freeze fracture</i>)
5	Aktive nucleolus: fibrilar center (*), pars fibrosa (→), pars granulosa (⇒)
6	Nucleolus with predominant pars granulosa (⇒); pars fibrosa (→)
7	Ring-shaped nucleolus
8	Mitochondrion: cristae (⇒), matrix (*), mitochondrial granule (→)
9	GA: cisterna (→), immature secretory granules (*), granular endoplasmic reticulum with transport vesicles (* [*])
10	GA: dictiosome (1), lysosomes (2)
11	Dictiosomes located near the nukleus(J); detection of acid phosphatase (→)
12	Secondary lysosomes; detection of acid phosphatase (→) in some of them.
13	Autophagic vakuole (⇒), α-granules of glykogen (→)
14	Cisternae of rough endoplasmic reticulum (1), tubules and vesicles of smooth endoplasmic

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15	Granular endoplasmic reticulum; detection of glukoso-6-phosphatase
16	Glandular cell: rough endoplasmic reticulum (1), Golgi apparatus (2), secretory granules (3)
17	Peroxisomes: matrix (1), nucleoid (2); α -granules of glykogen (\rightarrow)
18	Peroxisome (\rightarrow) with nucleoid of cristalline structure
19	Microperoxisomes (1) and peroxisomes (2) - detection of catalase
20	Gross section through the centriole
21	Longitudinal section through the centriole; satelite structure (\rightarrow), microtubule (*)
22	β -granules of glykogen (\rightarrow) in cardiomyocyte
23	Lipid droplets (1) in steroidogenic cell, mitochondria with tubular cristae (2), vesicles of smooth endoplasmic reticulum (*)
24	Desmosomes (1), bundles of tonofilaments (2)
25	Nexus ($\rightarrow\leftarrow$)
26	Free surface of ciliated epithelium; junctional complex: zonula occludens (\rightarrow), zonula adherens (\Rightarrow), macula adherens (*)
27	Free surface of epithelium with irregular microvilli: detection of alkaline phosphatase (\rightarrow)
28	Striated border on the surface of enterocytes; zonula occludens (1), zonula adherens (2)
29	The cell with the cilia: cross section through the cilium (1), basal body (2), striated rootlet (3)
30	The surface of the oviduct epithelium in the scanning electron microscope: cells with cilia (\rightarrow) and microvilli (*)
31	Human spermatozoon: head with acrosome (\rightarrow), flagellum with axoneme, smooth chorda and mitochondrial sheath ($\Rightarrow\Leftarrow$)
32	The cell in mitosis: chromosomes (1) and mitotic spindle (2)
33	Blood capillary: nucleus of the endothelial cell (J), pinocytic vesicles (\rightarrow), erythrocyte (*)
34	Neutrophilic granulocyte with granules (1) and phagosomes (2); segment of nucleus (3)
35	Apoptosis (a way of cell death): condensed chromatin in the nucleus (\rightarrow), degenerating organelles in cytoplasm (*)
36	Necrosis (a way of cell death): disintergrated nucleus (J), rests of organelles in destroyed cytoplasm (\rightarrow)
37	Erythrocytes in the scanning electron microscope
38	Eosinophilic granulocyte with two-segmented nucleus and speciphic granules (\rightarrow)
39	Activated monocyte with numerous phagosomes (F) - macrophage
40	Medium-sized lymphocyte
41	Trombocyte with granules (G) in the fenestrated capillary. Lamina basalis (*)
42	Fibroblast; rough endoplasmic reticulum (1), Golgi apparatus (2), collagen fibrils (3)
43	Plasma cell with rough endoplasmic reticulum (ER)
44	Mast cell (heparinocyte) with dense granules (1); collagen fibrils
45	Chondroblast; rough endoplasmic reticulum (1), Golgi apparatus (2), intercellular matrix with collagen fibrils (3)
46	Osteoblast with rough endoplasmic reticulum. Osteoid (*)
47	Osteocyte during bone resorption. Lacune (1), bone matrix (2)
48	Simple low-columnar epithelium. Free surface (1), basal (2) and lateral (3) cell membrane
49	Basal labyrinth. Basal lamina (1), invaginations of cell membrane (2), mitochondrion (3)
50	The cell of glandular epithelium; rough endoplasmic reticulum (1), Golgi apparatus (2), secretory granules (3)
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53	Cardiomyocyte: cell nucleus (1), myofibrils (2), sarcomere (\leftrightarrow)
54	Smooth muscle cells – leiomyocyte: longitudinal (1), cross (2) and oblique (3) section
55	Cytoplasm of pseudounipolar neuron (1), satellite (glial) cell (2), fibrocyte (3), axon (4) with myelin sheath (*)
56	Axons (1) surrounded by Schwann cell (2) Axons (1) with myelin (3) and Schwann sheath (4)
57	Axon (1) with presynaptic ending (2); synaptic vesicles (\rightarrow)
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