**List of electron micrographs for the Final Exam**

[ELECTRONOGRAMS](http://edu.grsmu.by/pluginfile.php/108786/mod_resource/content/1/ATLAS%20Educational%20electronograms.pdf)

1. [Mitochondrion.](http://www.histologyguide.com/EM-view/EM-001-cell-structures/01-photo-1.html?x=3613&y=873&z=50.0&page=2)

2.Lysosomes. [Primary Lysosomes](http://www.histologyguide.com/EM-view/EM-103-macrophage/03-photo-1.html?x=1283&y=1708&z=73.0&page=1), [Secondary Lysosomes](http://www.histologyguide.com/EM-view/EM-103-macrophage/03-photo-1.html?x=1283&y=1708&z=73.0&page=1), [Residual Bodies](http://www.histologyguide.com/EM-view/EM-103-macrophage/03-photo-1.html?x=1283&y=1708&z=73.0&page=1) (tertiary lysosomes; black)

3.[Golgi Complex](http://www.histologyguide.com/EM-view/EM-008-golgi-apparatus/01-photo-1.html?x=0&y=0&z=-1&page=1" \t "_blank).

4.[Rough endoplasmic reticulum](http://www.histologyguide.com/EM-view/EM-026-chief-cell/01-photo-1.html?x=0&y=0&z=-1&page=1" \t "_blank).

5.[Centrosomes (cell center)](http://www.histologyguide.com/EM-view/EM-004-cell-structures/01-photo-1.html?x=4013&y=3947&z=38.0&page=4" \t "_blank).

6.[Brash border of intestine epithelial cell](http://www.histologyguide.com/EM-view/EM-017-small-intestine/14-photo-1.html?x=3314&y=494&z=100.0&page=2" \t "_blank).

7.[Cell cilia](http://www.histologyguide.com/EM-view/EM-097-cilia/02-photo-1.html?x=0&y=0&z=-1&page=1" \t "_blank).

8.[Phagocytosis.](http://www.histologyguide.com/EM-view/EM-103-macrophage/03-photo-1.html?x=0&y=0&z=-1&page=1" \t "_blank)

9.[Pinocytosis](https://www.sciencesource.com/archive/Image/Pinocytosis--TEM--SS2488758.html%22%20%5Ct%20%22_blank)

10.[Nuclear envelope.](http://www.histologyguide.com/EM-view/EM-007-nucleus/01-photo-1.html?x=0&y=0&z=-1&page=2" \t "_blank)

11.[Metaphase of mitosis](http://www.histologyguide.com/EM-view/EM-115-mitosis/01-photo-1.html?x=0&y=0&z=-1&page=1" \t "_blank).

12.[Goblet cell](http://www.histologyguide.com/EM-view/EM-017-small-intestine/14-photo-1.html?x=2143&y=2346&z=14.7&page=1" \t "_blank).

13.[Segmented neutrophil leucocyte.](https://www.researchgate.net/figure/Neutrophil-morphology-as-observed-by-electron-microscopy-Neutrophils-were-isolated-from_fig1_266626747%22%20%5Ct%20%22_blank)

14.[Eosinophil leucocyte](http://www.histologyguide.com/EM-view/EM-161-eosinophil/03-photo-1.html?x=2935&y=3038&z=13.2&page=1" \t "_blank).

15.[Basophil leukocyte.](http://medcell.med.yale.edu/histology/blood_bone_marrow_lab/basophil_em.php%22%20%5Ct%20%22_blank)

16. [Monocyte of blood](https://favpng.com/png_view/microscope-monocyte-macrophage-electron-microscope-blood-png/MPGdJyBM).

17. [Lymphocyte](http://www.histologyguide.com/EM-view/EM-199-lymphocyte/03-photo-1.html?x=0&y=0&z=-1&page=1)

18.[Platelets of blood.](https://www.researchgate.net/figure/Electron-microscopy-original-magnification-22-500-of-platelets-showing-the-dense_fig1_6217822%22%20%5Ct%20%22_blank)

19. [Fibroblast](http://www.histologyguide.com/EM-view/EM-109-fibroblast/03-photo-1.html?x=0&y=0&z=-1&page=1)

20.[Macrophage.](http://www.histologyguide.com/EM-view/EM-103-macrophage/03-photo-1.html?x=0&y=0&z=-1&page=1" \t "_blank)

21.[Plasma cell](http://www.histologyguide.com/EM-view/EM-114-plasma-cell/03-photo-1.html?x=0&y=0&z=-1&page=1" \t "_blank).

22.[Mast cell](http://www.histologyguide.com/EM-view/EM-014-mast-cell/03-photo-2.html?x=0&y=0&z=-1&page=1" \t "_blank).

23.[Collagen fibril](http://www.histologyguide.com/EM-view/EM-296-collagen-fibers/03-photo-1.html?x=0&y=0&z=-1&page=1" \t "_blank).

24.[Osteoblast.](http://www.anatomy-images.de/WAI/EM/externes/Wartenberg/Osteoblast3E.html%22%20%5Ct%20%22_blank)

25. [Osteocyte.](http://www.histologyguide.com/EM-view/EM-218-osteocyte/05-photo-1.html?x=0&y=0&z=-1&page=1)

26.[Smooth muscle cell](http://www.histologyguide.com/EM-view/EM-132-smooth-muscle-cell/03-photo-1.html?x=0&y=0&z=-1&page=1" \t "_blank).

27.[Striated muscle fibre](http://www.histologyguide.com/EM-view/EM-123-skeletal-muscle/04-photo-1.html?x=0&y=0&z=-1&page=1" \t "_blank).

28.[Cardiac myocyte.](http://www.histologyguide.com/EM-view/EM-137-cardiac-muscle/04-photo-1.html?x=0&y=0&z=-1&page=1" \t "_blank)

29.[Intercalated disc between cardiac myocytes.](http://www.histologyguide.com/EM-view/EM-137-cardiac-muscle/04-photo-1.html?x=5193&y=7072&z=94.6&page=1" \t "_blank)

30.[Myelinated nerve fibre](http://www.histologyguide.com/EM-view/EM-152-peripheral-nerve/06-photo-1.html?x=6403&y=5141&z=11.7&page=1" \t "_blank).

31.[Node of Ranvier in myelinated nerve fibre](http://www.histologyguide.com/EM-view/EM-288-node-of-ranvier/06-photo-1.html?x=0&y=0&z=-1&page=1" \t "_blank).

32.[Unmyelinated nerve fibre.](http://www.histologyguide.com/EM-view/EM-152-peripheral-nerve/06-photo-1.html?x=1430&y=2607&z=16.4&page=1" \t "_blank)

33.[Motor end plate](http://www.histologyguide.com/EM-view/EM-230-neuromuscular-junction/06-photo-1.html?x=0&y=0&z=-1&page=1" \t "_blank).

34.[Axodentritic synapse](http://www.histologyguide.com/EM-view/EM-287-synapses/06-photo-1.html?x=0&y=0&z=-1&page=1" \t "_blank).

35. [The outer segment of the cone of retina](https://webvision.med.utah.edu/imageswv/rdcneos.jpeg).

36.The olfactory epithelium of nasal cavity

37.[Blood capillary](http://www.histologyguide.com/EM-view/EM-213-capillary/09-photo-1.html?x=0&y=0&z=-1&page=1).

38. [Parietal cell of stomach.](http://www.histologyguide.com/EM-view/EM-030-parietal-cell/14-photo-1.html?x=0&y=0&z=-1&page=1)

39. [Endocrine cell of stomach and interstine](http://www.histologyguide.com/EM-view/EM-018-gastric-gland/14-photo-1.html?x=1926&y=4680&z=21.1&page=1).

40. [Bile canaliculus](http://www.histologyguide.com/EM-view/EM-240-hepatocytes/15-photo-1.html?x=6226&y=1914&z=75.0&page=1). [Hepatocytes surrounding a sinusoid (TEM)](http://www.histologyguide.com/EM-view/EM-240-hepatocytes/15-photo-1.html?x=4997&y=4345&z=19.5&page=1)