

TEMATICA

concursului pentru ocuparea postului de doctorand Disciplina Biologie Celulară, Moleculară Histologie

1. Membrana celulara : organizare moleculara, functii, specializari de suprafata, jonctiuni intercelulare, receptori si sisteme de mesageri secunzi.
2. Nucleul: structura, ultrastructura, organizare nucleara, functii.
3. Organite citoplasmatice: mitocondria, complex Golgi, reticul endoplasmic, lizozomi, peroxizomi, citoschelet.
4. Tesut epitelial: epitelii de acoperire, epitelii glandulare.
5. Tesutul conjunctiv: celulele conjunctive, matricea extracelulara.
6. Tesut muscular: neted, striat, scheletic, cardiac.
7. Maduva osoasa hematogena: hematopoieza.
8. Organe limfoide : ganglion limfatic, splina, timus, amigdale.
9. Aparat cardiovascular : endocardul, pericardul, miocardul, artere, vene, capilare.
10. Aparatul excretor : rinichi - structura generala, nefron, tubii uriniferi, bariera de filtrare, ureter, vezica urinara.

Bibliografie

Anthony Mescher, **Junqueira's Basic Histology**: Text and Atlas, Ed. Lange, Ed. 13, 2013; Ed. 12, 2009; Ed. 11 (in lb. romana), 2008

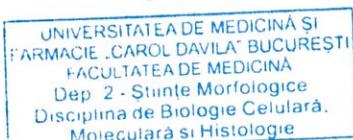
William K. Ovalle PhD and Patrick C. Nahirney **Netter's Essential Histology**, Ed. Elsevier, Ed. 1, 2008; Ed 2, 2013

Michael H. Ross PhD and Wojciech **Histology: A Text and Atlas**, Ed. Lippincott, Williams, Wilkins, Ed. 6, 2010

Don Fawcett, Ronald Jensh, Bloom and Fawcett: **Concise Histology**, Ed. Arnold, 2002

Alberts B, Johnson A, Lewis J, Raff M, Roberts K, Walter P, **Molecular Biology of the Cell**, ed. 5, Garland Science.

Pollard TD, CW Earnshaw, **Cell Biology** ed. 2, Saunders Elsevier, 2008



A handwritten signature in blue ink, appearing to read "N. N." or "N. N. Netter".