

Academic Year 2024/2025 Faculty of Dentistry

Microscopic Anatomy I. ED I 1-6 (7)

Week	Lectures <i>Tuesday 9.30-11.15 (EOK Hári lecture hall)</i>	Lecturers	Histology Laboratory (CCO) <i>Tuesday 15.00 - 16.30</i>
Week 1 02.10 -14.	1. Concept of tissues. Epithelial tissues, cell contacts 2. Glandular epithelium	1 Gerber 2 Gallatz	Simple and stratified epithelia Transitional epithelium
Week 2 02.17 -21.	3. Connective tissue cells 4. Connective tissue fibres, types of connective tissue	3 Székely 4 Székely	Glandular epithelium Connective tissue fibres
Week 3 02.24 -28.	5. Nerve tissue (PNS) 6. Supporting tissues (cartilage, bone)	5 Tóth 6 Tóth	Connective tissue cells, types Histology of the peripheral nervous system
Week 4 03.03 -07.	7. Ossification, bone remodelling 8. Muscle tissues 1 (striated muscle)	7 Gerber 8 Barna	Supporting tissues (cartilage, bone) Types of bone formation
Week 5 03.10 -14.	9. Muscle tissues 2 (smooth muscle, cardiac muscle) 10. Histology of vessels	9 Minkó 10 Tóth	Types of muscle tissues Blood smear
Week 6 03.17 -21.	11. Histology of the tongue and salivary glands 12. Tooth development, malformations	11 Papp 12 Gallatz	Histology of vessels Lip, tongue, lingual papillae
Week 7 03.24-28.	13. Histology of teeth 1 (enamel, dentin) 14. Histology of teeth 2 (cementum, dental pulp)	13 Gallatz 14 Gerber	Salivary glands, Tooth development, tooth
Week 8 03.31 -04.04.	15. Histology of teeth 3 (parodontium) 16. Histology of the esophagus and stomach	15 Gerber 16 Papp	Midterm (basic tissues, nerve tissue, vessels, lip, tongue, tooth) Esophagus, cardia Stomach, small intestine
Week 9 04.07 -11.	17. Microscopical anatomy of the small intestine 18. Histology of the liver, gall bladder and pancreas	17 Székely 18 Dobolyi	Large intestine Liver, gall bladder and pancreas
Week 10 04.14 -18. <i>Friday is holiday</i>	19. Microscopical anatomy of the large intestine 20. Histology of the airways	19 Kozsurek 20 Tóth	Larynx, trachea, lung
Week 11 04.21 -25. <i>Easter Monday is holiday</i>	21. Microscopical anatomy of the kidney 22. Microscopical anatomy of urinary passages (ureter, urinary bladder)	21 Dobolyi 22 Vereczki	Histology of the urinary system (kidney, ureter, urinary bladder)
Week 12 04.28 - 05.02.	23. Histology of the testicle 24. Histology of the epididymis, spermatic cord, seminal vesicle and prostate	23 Tóth 24 Tóth	Male genital system
Week 13 05.05 -09.	25. Histology of the ovary, oogenesis 26. Histology of the Fallopian tube, uterus and vagina	25 Kozsurek 26 Kozsurek	Female genital system 1.
Week 14 05.12 -16.	27. Histology of the placenta, umbilical cord. Microscopical anatomy of the mammary gland. 28. Histology summary	27 Székely 28 Gerber	Female genital system 2 Placenta, umbilical cord, mammary gland