### Lectures

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<th>Week</th>
<th>Lectures</th>
<th>Histology Laboratory</th>
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| Week 1 | 02. 15-19.  
1. Epithelial tissues, cell contacts, intercellular connections  
2. Glandular epithelium | Introduction to Histology; general terms.  
Case viewer program  
Simple and stratified epithelia  
Glandular epithelium |
| Week 2 | 02.22-26.  
3. Connective tissue cells and fibres. Extracellular matrix  
Blood smear, bone marrow |
| Week 3 | 03.1-5.  
5. Supporting tissues (cartilage, bone)  
6. Ossification, bone remodelling | Types of tissues  
Types of bone formation |
| Week 4 | 03.8-12.  
7. Muscle tissues  
8. Histology of vessels | Types of muscle tissues  
Histology of vessels |
| Week 5 | 03.15-19.  
9. Histology of the tongue and teeth  
10. Histology of the airways | MIDTERM 1: Basic tissues (to be held on a separate day for EM 15, 18-20)  
Gastrointestinal tract I. (lip, tongue, lingual papillae, tooth bud, salivary glands)  
No histology class for groups 15, 18-20 March 15. National Holiday |
| Week 6 | 03.22-26.  
11. Gametes, fertilization, cleavage, blastulation  
12. Implantation. Placenta, placental circulation, fetal membranes | Gr 7-12 and 15, 18-20 Respiratory system (larynx, trachea, lung)  
Gr 1-6 and 13-17 Respiratory system (larynx, trachea, lung) + Histology of the gastrointestinal tract II. (esophagus, stomach) |
| Week 7 | 03.29-04.02.  
13. Histology of the esophagus and stomach  
14. Microscopical anatomy of the small and large intestines | Gr 15, 18-20 Histology of the gastrointestinal tract II. (esophagus, stomach, duodenum, jejunum ileum, colon, liver, gall bladder, pancreas)  
Gr 7-12 Histology of the gastrointestinal tract II. (esophagus, stomach, duodenum, jejunum ileum, colon)  
No histology class for Grs 1-6, 13-17 Good Friday Easter Holiday |
| Week 8 | 04.05-09.  
15. Molecular basis for gastrulation. Formation differentiation and derivatives of the germinal layers  
16. Neurulation, folding of the embryo. Body axes, left-right laterализation, asymmetry | Gr 1-6 and 13-17 Histology of the gastrointestinal tract II-III. (duodenum, jejunum ileum, colon, liver, gall bladder, pancreas)  
Gr 7-12 Histology of the gastrointestinal tract III. (liver, gall bladder, pancreas)  
No histology class for groups 15, 18-20 Easter Monday Easter Holiday |
| Week 9 | 04.12-16.  
17. Histology of the liver and pancreas  
18. Pharyngeal arches, development of the foregut. Development of the midgut and hindgut | Histology of the urinary system  
(kidney, urinary bladder, urethra) |
| Week 10 | 04.19-23.  
19. Development of the face, malformations  
20. Microscopical anatomy of urinary organs | Histology of the male genital system I.  
(testicle, epididymis, spermatic cord) |
| Week 11 | 04.26-30.  
21. Histology of the male genital system  
22. Histology of the female genital system | Histology of the male genital system II.  
(seminal vesicle, prostate, penis, glans penis) |
| Week 12 | 05.03-07.  
23. Development of the urinary system  
24. Development of the genital system | Histology of the female genital system I.  
(ovary, Fallopian tube, corpus luteum) |
| Week 13 | 05.10-14.  
25. Development of the peritoneum (peritoneal relations)  
26. Development of the heart | MIDTERM 2: Organ histology (except for the female genital system). General embryology, organ development (except for the urogenital and cardiovascular systems)  
Histology of the female genital system II. (uterus, placenta, vagina) |
| Week 14 | 05.17-21.  
27. Development of arteries and veins  
28. Development of the respiratory system. Fetal circulation | Embryology consultation |