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SEMMELEWEIS UNIVERSITY

Faculty of Medicine

Department of Anatomy, Histology and Embryology

Head of Department

Dr. Alán Alpár

Professor

EM I Microscopic Anatomy I. Announcements

SUBJECT MATTER OF THE SEMESTER

I. Microscopy of basic tissues

Simple, stratified and glandular epithelia, connective & supporting tissues, muscle tissues, blood, bone marrow

II. Microscopical structure of internal organs

Cardiovascular, gastrointestinal, respiratory and urogenital systems and elements of the peripheral nervous system apparent in the organs

III. Embryology

General embryology, including spermatogenesis, oogenesis, fertilization, cleavage, blastulation, formation of germinal layers, body axes, molecular basis of right-left asymmetry, formation of the placenta, fetal membranes.

Organ development including the cardiovascular, digestive, respiratory, urogenital systems together with their malformations

ACCEPTANCE OF THE SEMESTER

Active participation in dissection room lab sessions **including the midterm tests** is obligatory. Students should attend at least 75% of the scheduled hours, to gain a signature proving the validity of the semester.

Absences are therefore limited in 25%.

MIDTERM TESTS

There are two written tests held in the Digital Histology Laboratories. Attendance is obligatory, in case of absence students will be offered two retake possibilities (TBA).

Midterm test 1 - Date: Week 5

Basic tissues (slides viewed during weeks 1-4)

Midterm test 2 Date: Week 13

Histology of organs (except for the female genital tract);

General embryology, organ development (except for the cardiovascular and urogenital tracts)

EXEMPTIONS - Students may earn an **exemption** *from the written part of the semifinal examination with a 4 or a 5 calculated from the average of the two written tests. A mark 4 (good) can be earned if the midterm average is 4,00; while a mark 5 (excellent) will be earned if the average of the midterm marks is at least 4,50.

SEMIFINAL EXAMINATION

Topics: Subject matter of the semester (Microscopic Anatomy and Embryology I.)

The semifinal examination consists of practical and theoretical parts:

1. Written pretest - unless exempted*(Microscopic Anatomy and Embryology questions)
2. Oral examination (Identification of structures on a digital slide including relevant theoretical questions)

A. D. Székely

Dr. Andrea D. Székely

Associate Professor, Course Director