

## ED I

### ANNOUNCEMENTS CONCERNING THE SEMIFINAL EXAMINATIONS IN MACROSCOPIC ANATOMY and EMBRYOLOGY

Semifinal examinations are held on Tuesdays and Thursdays starting at 12.00 in the Histology Laboratory.

#### REGISTRATION ISSUES

**Registration** has to be done in neptun according to the Study and Examination Policy. Registration is open until 6.00 on the day of the examination. You may deregister from the examination before midnight on the preceding day.

**Absences** – no-show at the semifinal examination reduces the remaining examination possibilities and Students will have to pay a missed examination fee via neptun.

In case of health problems, students will have to present a **doctor's note within 3 working days** to be evaluated by the Head of Department. If accepted, the number of the student's examination possibilities will not be reduced.

**On the day of the examination, leave your bags in a locker and gather in front of the Histology lab 10 minutes before starting time.** Please make sure you have the following items on you:

**ID card/student card (you may not start the examination without it)**  
**SeKA login details** (memorize or write them down on a small piece of paper) \*  
**in case of a retake exam – proof of payment (except for the 1st retake)**

*\*Students who cannot login /forgot their password will be considered as „absent” and have to sit for the examination on a different day*

#### **Phones and smart watches have to be stored elsewhere during examinations.**

Neither pens+papers may be with you during the written part. You cannot take notes or talk to your peers during the examination. Students found to use such items or breaking the aforementioned rules will be immediately suspended, the case recorded and the examination is terminated with a fail (1).

*For safety reasons you may keep your valuables (money, cards, IDs, etc) on you, however „large” items, such as phones (switched off), tablets (switched off) or pencil cases are collected upon entering the examination room.*

#### **Masks should be worn at all times**

**No chewing gum, no food, no drinks are allowed while on the premises**

#### PARTS OF THE SEMIFINAL EXAMINATION

##### **WRITTEN PART (Students may not leave the room during the test)**

The test is composed of 40 simple / multiple choice questions including 8 Embryology questions

Writing time: 40 minutes

**Passing rate: 20 points = 50%** (0-50%-fail, 50% - satisfactory, 65% - average, 75% - good, 85% - excellent)

- Following the completion of the test Students may view their results, however, neither questions may be asked nor notes may be taken during this time. Students may not leave the room before the inspection time expires.
- Students not reaching 50% percent in the written part cannot continue (i.e. fail) the examination and should leave.
- Students failing the examination in a subsequent practical part may be exempted from the written test during the retake examination if they gained an **average (3)**, **good (4)**, or **excellent (5)**, result from the written test. These students should present themselves at 12.45 on the day of the retake examination at the Lenhossék lecture room.

## MACROSCOPY PART

This part is held in the Lenhossék Lecture Hall. Rubber gloves and labcoats are provided by the department. Here the Students are examined on prosections in the following topics:

- Musculoskeletal system (bones, joint and muscles of the upper and lower limbs, trunk together with their blood supply and innervation)
- Skull
- Macroscopy of the CNS (including meninges and blood supply)

Further questions other than the identification of the presented specimens may arise, e.g. discussing the theoretical relevances. Students may be asked to produce schematic drawings of certain regions .

**PRACTICAL EXEMPTIONS** - Students may earn their practical marks from the non-obligatory assessment (held on the last class of Week 14). **Exemptions are only offered if every mark is at least a 3.**

**Students with practical exemptions** finish their examination once the written part is done and their mark will be calculated on spot from all the 4 marks.

In case they fail, their exemptions will not expire during the present examination period, however, they **will not be taken into** account if the examination is postponed to the Spring examination period as a CV exam.

## MARKING SYSTEM

**The mark of the semifinal examination is calculated from the all four marks earned during the examination. If the average of the 4 marks is not a whole/cardinal number, the practical marks will be decisive.**

- If one part of an examination results in fail (1), the entire examination is terminated with a fail (1).
- In case the result of one of the parts is **1/2**, the overall result of the examination CANNOT be better than a pass (2). This mark can only be earned once during the examination.
- **Students failing the examination, may repeat the exam once „free”, every further attempt will be charged for.** The total number of examination seats is set (200% of the number of students in a given course), therefore the number of examination seats will not be increased\*.
- Students may request in writing to sit for an oral theory exam to replace the written part in case of a 2nd or 3rd retake examination. A request will have to be sent to the Course Director 48 hours before the examination day.

### CV course in Macroscopic Anatomy I and registration for Macroscopic Anatomy II without passing the prerequisite

*If neither the first nor the subsequent retake examinations are successful during the present examination period and Students still have „examination chances” left, they may postpone the examination as a CV exam to the next examination period. These students may only register for **Macroscopic Anatomy II (WITHOUT PASSING THE PREREQUISITE)** if they submit a formal written request first with the Head of Department and then, upon receiving a positive answer, to the Dean of the Faculty.*

- **Retake of a successful examination** - students unhappy with the result of the examination may apply in writing with the Course Director, to retry the examination. They will be registered by the Course Director in neptun. **Please note, that such a retake examination does not necessarily result in a better mark.**
- **Technical problems** concerning registration or deregistration via the neptun system are beyond the scope of the Department, Students should seek help from the neptun group of the Secretariat.
- The Registrar of the English Secretariat is not entitled to register or deregister students with the only exception of using the 4th chance upon getting the Dean’s permission.

**We wish you a successful examination period!**

Dr Gábor Gerber  
Associate Professor, Dean  
Head of the Dentistry programme

Dr Andrea D Székely  
Associate Professor, Course Director

# TOPICS OF THE SEMIFINAL EXAMINATION

## ***Musculoskeletal Anatomy***

General osteology, classification of bones

Continuous connections of bones. Components and classification of joints

General myology

Structure and movements of the vertebral column, the gross anatomy of the muscles acting upon it

Movements and muscles of the head&neck (atlantooccipital and atlantoaxial joints)

Osteofibrous structure of the thoracic cage (bones, joints, ligaments, movements)

Joints of the shoulder girdle, the gross anatomy of the muscles acting upon them

Shoulder joint, the gross anatomy of the muscles acting upon it

Axillary fossa, quadrangular and triangular spaces

Muscles and cross section of the arm

Elbow joint, the gross anatomy of the muscles acting upon it

Cubital fossa

Muscles and cross section of the forearm

Structure and movements of the radiocarpal joint, gross anatomy of the muscles acting upon it

Osteofibrous spaces and muscle compartments of the hand, tendinous sheaths

Muscles, joints and movements of the fingers

Composition of the pelvis (bones, ligaments and membranes)

External and internal muscles of the hip, supra- and infrapiriform hiatuses.

Hip joint and the gross anatomy of the muscles concerned with the movements

Osteofibrous compartments, muscles and of the thigh

Knee joint and the gross anatomy of the muscles concerned with the movements. Popliteal fossa

Subinguinal hiatus, vascular and muscular compartments; adductor canal, femoral canal

Osteofibrous spaces and muscle compartments and cross section of the leg (crus)

Ankle joint together with the gross anatomy of the muscles acting upon it

Subtalar and talocalcaneonavicular joints, the muscles acting upon them

Structure of the foot, arches of the foot

Blood supply and innervations of the limbs

Diaphragm

Muscles and spaces of the abdominal wall, rectus sheath

Muscles of the nape (nuchal region), suboccipital trigone, scalene muscles, sternocleidomastoid muscle, back muscles

Inguinal canal, femoral canal

Components and connections of the anterior, middle and posterior cranial fossae.

External skull base, connections

Walls and connections of the orbit

Walls and connections of the nasal cavity

Oral cavity, temporal and infratemporal fossae

Walls and connections of the pterygopalatine fossa

### ***Macroscopy of the nervous system***

Blood supply to the brain, meninges, CSF

Cranial nerve exits (brain, dura and skull)

Hemispheres, lateral ventricles, diencephalon, the 3rd ventricle

Functional centres of the cerebral cortex

Brain stem, cerebellum, the 4th ventricle, spinal cord

Frontal sections of the brain

Dorsal branches of the spinal nerves, intercostal nerves

Cervical plexus

Brachial plexus

Lumbar plexus

Sacral plexus

### ***Embryology***

Gametes (sperm, oocyte)

Fertilization

Cleavage of the zygote

Blastocyst formation; the bilaminar embryonic disc

Implantation

Gastrulation, formation of the intraembryonic mesoderm; the notochord

Neurulation (neural tube and neural crest)

Derivatives of ectoderm, endoderm and mesoderm

Differentiation of mesoderm, somites and their derivatives.

Derivatives of the lateral plate mesoderm

Folding of the embryo

Development of the skull

Development of the vertebral column and limbs

Development of the muscular system