

Developmental Biology II **2017/18 (spring semester)**

Director of course: Imre Oláh MD, PhD

Code: AOVANT457_1A

Credit points: 3

Type of course: elective

Topics of the course: Molecular regulation of ontogeny and developmental malformations. Teratogenesis.

Place and time of course: Huzella Auditorium in the Department of Anatomy, Histology and Embryology (Tüzoltó u. 58), second floor, every Thursday, 16:30-18:00.

1. (8th February - cancelled)
2. Pattern formation of neural tube
15th February (Krisztina Herbert-Minkó)
3. Placods and their derivatives
22th February (Imre Oláh)
4. Development of ear and eye
1th March (Nándor Nagy)
5. Derivatives of neural crest, development of peripheral nervous system
8th March (Nándor Nagy)
6. (15th March - cancelled)
7. Somitogenesis, paraxial mesoderm
22th March (Dávid Dóra)
8. Epithelial-mesenchymal interaction (EMI) development of lung and glands
5th April (Katalin Kocsis)
9. EMI; development of the kidney
12th April (Imre Oláh)
10. Development of pancreas and liver
19th April (Katalin Kocsis)
11. Early development of the heart
26th April (Ildikó Bódi)
12. Vasculogenesis, AGM and early hematopoiesis
3th May (Krisztina Herbert-Minkó)
13. Development of limbs and skin
10th May (Nándor Nagy)
14. Gonadal development and sex determination
17th May (Imre Oláh)