

Developmental Biology II 2018/19 (spring semester)

Director of course: Imre Oláh MD, PhD

Code: AOVANT457_2A

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. Pattern formation of neural tube
7th February -(Krisztina Herbert-Minkó)
2. 14th February cancelled
3. Placods and their derivaties
21st February (Imre Oláh)
4. Development of ear and eye
28th February (Nándor Nagy)
5. Derivatives of neural crest, development of peripheal nervous system
7th March (Nándor Nagy)
6. Somitogenesis, paraxial mesoderm
14th March (Dávid Dóra)
7. Epithelial-mesenchymal interaction (EMI) development of lung and glands
21st March (Katalin Kocsis)
8. Epithelial-mesenchymal interaction (EMI); development of the kidney
28th March (Imre Oláh)
9. Development of pancreas and liver
4th April (Katalin Kocsis)
10. Early development of the heart
11th April (Ildikó Bódi)
11. Vasculogenesis, AGM and early homopoiesis
25th April (Krisztina Herbert-Minkó)
12. (2nd May cancelled)
13. Development of limbs and skin
9th May (Nándor Nagy)
14. Gonadal development and sex determination
16th May (Imre Oláh)