

Developmental Biology II. (Principles of regenerative medicine) 2021/22 (spring semester)

Director of course: Nándor Nagy, PhD

Code: AOVANT834_2M **Credit points:** 2 **Type of course:** elective

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

1. Neural stem cells I: Neural crest cells
3rd February (Nandor Nagy)
2. Neural stem cells II: pattern formation of neural tube, development of the nervous system
10th February (Krisztina Herbert-Minkó)
3. Neural stem cells III.: Trunk neural crest: Development of the enteral nervous system.
17th February (Nándor Nagy)
4. Neural stem cells IV: Cranial neural crest: development of skull
24th February (Nándor Nagy)
5. Vasculogenesis, early hemopoiesis and its molecular regulation
3rd March (Krisztina Herbert-Minkó)
6. Somitogenesis, molecular regulation of paraxial mesoderm development
10th March (Dávid Dóra)
7. Epithelial-mesenchymal interaction (EMI) development of lung and glands
17th March (Katalin Kocsis)
8. Intestinal stem cells
24th March (Viktoria Halasy)
9. Epidermal stem cells
31st March (Nora Pecsénye-Fejszak)
10. Epithelial-mesenchymal interaction (EMI): development of kidney
7th April (Nándor Nagy)
- Spring holiday
11. Molecular background of the thymus development, Epithelial-mesenchymal interaction
21th April (Ildikó Bódi)
12. Molecular regulation of limb development
28th April (Nándor Nagy)
13. Development of pancreas and liver
5th May (Katalin Kocsis)
14. Organoids
12th May (Nándor Nagy)