

Developmental Biology II. course

2018/2019. year 2nd semester

Topics of the exam

- 1) Pattern formations of neural tube.
- 2) Placods and their derivatives.
- 3) Development of ear.
- 4) Derivates of neural crest, development of peripheral nervous system.
- 5) Somitogenesis, paraxial mesoderm.
- 6) Epithelial-mesenchymal interaction I. Lung and glands development.
- 7) Epithelial-mesenchymal interaction II. Molecular genetics of kidney development.
- 8) Development of pancreas and liver.
- 9) Early development of the heart.
- 10) Vasculogenesis, AGM and early hemopoiesis.
- 11) Development of limbs and skin.
- 12) Gonadal development and sex determination.