

## LECTURES 6ED

9:00 - 9:45 AM, Paszkiewicz Hall

### WINTER SEMESTER

**11 OCTOBER - Jacek Malejczyk Professor**

Cholesterol.

**18 OCTOBER - Dariusz Śladowski Associate Professor**

Mitochondria, not just an energy producing machine.

**25 OCTOBER - Monika Ołdak Professor**

DNA repair and mutagenesis.

**8 NOVEMBER - Justyna Niderla-Bielińska Associate Professor**

Regulatory RNA.

**15 NOVEMBER - Izabela Młynarczyk – Biały Associate Professor**

Proteasomes and ubiquitin in medicine.

**22 NOVEMBER - Anna Hyc Associate Professor**

The role of autophagy in maintaining cell homeostasis.

**29 NOVEMBER - Jacek Malejczyk Professor**

The role of cytokines in health and disease.

**20 DECEMBER - Jacek Malejczyk Professor**

Remodeling and degradation of connective tissues.

**10 JANUARY - Ewa Jankowska Steifer Associate Professor**

Muscle fibre in health and disease – the role of satellite cells.

### SUMMER SEMESTER

**28 FEBRUARY - Jacek Malejczyk Professor**

Mechanisms of inflammatory reactions.

**7 MARCH - Jacek Malejczyk Professor**

Metaplasia and epithelial-to-mesenchymal transition.

**14 MARCH - Magdalena Radomska-Leśniewska Associate Professor**

Angiogenesis - therapeutic implications.

**21 MARCH - Justyna Niderla-Bielińska Associate Professor**

Hearing and balance. Ear structure.

**28 MARCH - Ewa Jankowska Steifer Associate Professor**

The axis hypothalamus - pituitary gland - ovary - uterus. Formation of reproductive cells. Fertilization.

**4 APRIL - Ewa Jankowska Steifer Associate Professor**

Implantation, bilaminar germ disc, formation of three germ layers, neurulation, neural crest cells.

**11 APRIL - Ewa Jankowska Steifer Associate Professor**

Embryo development from 4 to 8 weeks.

**18 APRIL - Ewa Jankowska Steifer Associate Professor**

Development and structure of the placenta, the most important events occurring in the fetal period.

**16 MAY - Ewa Jankowska Steifer Associate Professor**

Consequences of abnormal embryonic development – selected clinical correlations.

**23 MAY - Ilona Kalaszczyńska PhD**

The use of stem cells in medicine. Regenerative medicine and tissue bio-engineering.

**30 MAY - Artur Kamiński Professor**

Cell and tissue banking for medicine. Clinical use of tissue and cell transplants.