SELECTED TOPICS IN CELL BIOLOGY

Medicine

Department of Biophysics and Cell Biology

Subject: SELECTED TOPICS IN CELL BIOLOGY Year, Semester: 2nd year/2nd semester Number of teaching hours: Lecture: 28 2nd week: the signal transduction pathway of receptor Lecture: Receptor tyrosine kinases: multiplicity tyrosine kinases of signaling pathways. Lecture: Regulation by compartmentation of 8th week: signaling components Lecture: A strict rule in multicellular development: cells must behave, otherwise their 3nd week: fate is apoptosis or ... Lecture: Interaction of Integrins and receptor tyrosine kinases: a pointer to therapy resistance of 9th week: Lecture: Epigenetics at the doorstep of Cell cancer Lecture: From cell biology to preclinical models: Biology CDKs as drug targets. 10th week: 4rd week: Lecture: Cancer immunotherapy Lecture 4: GFP and friends - the molecule that drew the Nobel Prize in Chemistry 11th week: Lecture: Ion channels: cellular physiology and 5th week: disease. Lecture 5: Apple of my eye: the corneal stem cell niche and methods for its restitution in limbal 12th week: stem cell deficiency disease Lecture: What goes up, must come down: Degrading proteins and lipids - and the 6th week: consequences of aberrant pathways Lecture: Something only your mother can give 13th week: you: the mitochondrion Consultation. Test. 7th week: Lecture: Molecular targets for cancer therapy in

Reading materials: See e-learning site

Requirements

Neptun code: AOG157403-K1, ECTS: 2 credit points

Requirement for signature:

- maximum 3 recorded absences total (no make-up possible)

Exam dates: week 13. written exam for receiving the practical grade.

The exam can also be taken during the exam period, but this counts as a first exam after a practical grade of "fail". Check NEPTUN for dates.

Exam type: MCQ, TF, Relation analysis, fill-in, and other tests as well as short essays, written online @ exam.unideb.hu

Grading:

>50% pass

>60% satisfactory

>70% good

>80% excellent