Course description

Course	Redox Status and Oxidative Stress in Cell Biology
Department	Department of Pharmacology and Toxicology
Language	English
Nature	Optional
Year/semester	1st year, spring-term
Credits (ECTS)	2
Lectures (hour/semester)	6
Plenary lectures (hour/semester)	
Practicals (hour/semester)	
Responsible teacher	Pásztiné Dr. Gere Erzsébet
Teacher(s)	Pásztiné Dr. Gere Erzsébet
Prerequisites	

Learning outcome (include skills and competencies, if any)

Getting familiar with the theoretical and practical backgrounds of oxidative stress-measuring methods

Outcome assessment

Based on successful completion of written task

Weekly schedule of lectures and practicals

WEEK	Lecture topics
Week 1	Physiological and biochemical background of oxidative stress, changes in redox status caused by xenobiotics, antioxidant defense mechanisms, introduction of bioanalytical methods, advantages and disadvantages of measuring procedures

Recommended literature

Note(s)

The course will be held on the same day in spring term, block scheduling: 3 X 90 mins