Module description

Module title					Abbreviation	
Clinical Biochemistry /Laboratory Medicine 2					03-6S3KB-092-m01	
Module coordinator				Module offered by		
holder of the Chair of Biochemistry				Faculty of Medicine		
ECTS	S Method of grading Only after succ			ompl. of module(s)		
15	nume	rical grade				
Duration M		Module level	Other prerequisites			
1 semester undergraduate		undergraduate				
Contents						
Basic research practice and analytical approaches that are used in clinical biochemistry II are presented by means of selected examples. Pathological mechanisms are compared to the respective regular physiological processes (e. g. thrombocyte function, cardiovascular transformation). Molecular genetic and functional biochemical networks are presented using examples from pathobiochemistry and cellular biochemistry.						
Intended learning outcomes						
Students have developed a fundamental knowledge of techniques and approaches that are commonly used in modern molecular biology and biochemistry and have developed a fundamental understanding of how to approach, analyse and interpret problems in clinical biochemistry. They also have developed skills in experimental design, bench work, data analysis and the presentation of scientific results both orally and in writing.						
Courses (type, number of weekly contact hours, language — if other than German)						
V + Ü (no information on SWS (weekly contact hours) and course language available)						
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)						
a) written examination (approx. 60 minutes) or b) log (approx. 10 to 20 pages) or c) oral examination of one can- didate each (approx. 30 minutes) or d) oral examination in groups (groups of up to 3 candidates, approx. 60 mi- nutes) or e) presentation (approx. 20 to 30 minutes)						
Allocation of places						
Additional information						
Workload						
Teaching cycle						
Referred to in LPO I (examination regulations for teaching-degree programmes)						
Module appears in						
Bachelor's degree (1 major) Biology (2007)						
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