

Module title		Abbreviation
Cardiovascular Biology		03-98-MVKB-152-m01
Module coordinator		Module offered by
holder of the Chair of Experimental Biomedicine		Faculty of Medicine
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Becoming familiar with the basics of the cardiovascular system by means of a lecture series. The first section comprises the anatomical, physiological and biochemical basis. In the second section these fundamentals will be deepened based on relevant cardiovascular diseases of platelets, the vasculature and the heart. In the context of these disorders, current and future targets for adequate therapies will be discussed.</p>		
Intended learning outcomes		
<p>Students have developed the ability to understand the molecular and physiological basics relevant for cardiovascular biology, with the focus on developmental biology, platelets and coagulation. These will be exemplified by stroke, myocardial disorders, metabolic syndrome, vasculitides and genetic causes. After attending the lecture series, students will be able to understand, describe and assign pathological and pathophysiological changes affecting the cardiovascular system.</p>		
Courses (type, number of weekly contact hours, language – if other than German)		
V (2) Module taught in: German/English		
Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (30 to 60 minutes) or b) log (approx. 10 to 20 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes). Students will be informed about the method, length and scope of the assessment prior to the course. Assessment offered: Once a year, winter semester Language of assessment: German or English</p>		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Biochemistry (2015) Master's degree (1 major) Biomedicine (2015) Master's degree (1 major) Experimental medicine (2015) Master's degree (1 major) Biochemistry (2017) Supplementary course Translational Medicine (2018) Master's degree (1 major) Biomedicine (2018)</p>		



Master's degree (1 major) Translational Medicine (2018)
Master's degree (1 major) Biochemistry (2019)