

Module title		Abbreviation
Methods in Molecular Biology		03-EM-MP-152-m01
Module coordinator		Module offered by
Institute of Hygiene and Microbiology / RVZ		Faculty of Medicine
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
Students complete a four-week, full-time molecular biology basic lab course with a focus on DNA, RNA, bioinformatics, proteins, cell biology, microscopy in theory as well as practical exercises.		
Intended learning outcomes		
The students have developed a deep knowledge of fundamental analysis/investigative methods of molecular and cell biology. They are able to discuss their results.		
Courses (type, number of weekly contact hours, language – if other than German)		
P (10)		
Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
Part I: elaboration of logs (approx. 10 to 20 pages). Part II: a) oral examination of one candidate each (20 to 30 minutes) or b) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or c) presentation (20 to 30 minutes). Students will be informed about the type and length of assessment at the beginning of the course. Language of assessment: German and/or English		
Allocation of places		
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Additional information		
Additional information on module duration: 4 weeks, full time.		
Workload		
300 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		
Master's degree (1 major) Experimental medicine (2015)		