

Module title		Abbreviation
Infection and Immunity		03-TM-INFIMM-181-m01
Module coordinator		Module offered by
holder of the Chair of Molecular Infection Biology and holder of the Chair of Medical Microbiology and Mycology		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		
Relevant topics of translational research in microbiology and immunology will be introduced based on relevant examples like vaccine development, immunotherapy, RNA-base therapy, new antibiotics, probiotics, human microbiome, host niches, heterogeneity as well as resistance and new therapeutics.		
Intended learning outcomes		
Students will get an overview on the development of new diagnostics and therapeutics in infectious diseases and basic insight into standardised steps in the approval of new tools for clinical application. They can assess the use of modern technologies, including high throughput sequencing and genome wide typing in the development of individualised therapeutic approaches.		
Courses (type, number of weekly contact hours, language – if other than German)		
V (1) + S (1)		
Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
presentation (approx. 10 minutes) with oral examination of one candidate each (approx. 20 minutes) Language of assessment: German or English		
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		
Supplementary course Translational Medicine (2018) Master's degree (1 major) Translational Medicine (2018)		