

Module title		Abbreviation
Introduction to Experimental Medicine: from the Molecular Basis to Translational Leads		03-TM-EEM-181-m01
Module coordinator		Module offered by
holder of the Chair of Developmental Biochemistry		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		
From the molecular basis to translational leads: Molecular and cell biological methods, imaging modalities in research, overview of model systems such as mouse and zebrafish, case studies for translational research.		
Intended learning outcomes		
Students gain an overview of molecular and cell biology research methods as well as imaging modalities in research. They know important model systems in biomedical basic research. They can explain examples of the successful translation of results from basic research into clinical application.		
Courses (type, number of weekly contact hours, language – if other than German)		
V (2) Module taught in: German or 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)		
written examination (approx 60 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)		