

Module title		Abbreviation
Biobanking, Biomarkers and Bioinformatics		03-TM-BIO3-181-m01
Module coordinator		Module offered by
holder of the Professorship of Translational Clinical Research / IBDW		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		
Conception and purpose of biobanks; quality assurance; analysis of biomarkers; linking to existing (clinical) databases; ethical and data protection aspects; practical implementation and interaction with stakeholders / donors / public.		
Intended learning outcomes		
The students understand the concept of biobanking and its central challenges. They gain first insights into the practical use and analysis of biomaterials using different methods. They also know about the basic principles of the ethical and legal framework. They are aware of the importance of interactions with the various stakeholders.		
Courses (type, number of weekly contact hours, language – if other than German)		
V (1) + S (1) 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)		
a) Oral examination (approx. 30 minutes) or b) written examination (approx. 45 to 90 minutes) Type and length/scope of assessment to be specified at the beginning of the course. 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)		