

Module title		Abbreviation
Individualized / Genetic Medicine		03-TM-IGM-181-m01
Module coordinator		Module offered by
Comprehensive Cancer Center Mainfranken		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		
Methodological and bioinformatic principles of high throughput methods for the analysis of tumors. Based on selected examples it will be illustrated how targeted and personalized therapies can be developed in oncology based on these novel technologies and how this will influence future developments in clinical research and patient care.		
Intended learning outcomes		
Students recognize the fundamental importance of genetics and modern Omics technologies for understanding the pathogenesis and course of cancer. They understand the translation of molecular changes into clinical research questions and individual treatment decisions.		
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 (30 to 60 minutes) Language of assessment: German or English		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Supplementary course Translational Medicine (2018) Master's degree (1 major) Translational Medicine (2018)		