Module title			Abbreviation
Experimental Tumor Biology			03-ONC-TUMP-152-m01
Module coordinator		**Module offered by**	
holder of the Chair of Biochemistry and Molecular Biology			
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
10	numerical grade	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

In the practical course "Tumorbiologie-Praktikum" ("Experimental Tumour Biology"), students learn about various model systems (tissue culture and animal models) and experimental approaches in cancer research (e. g. flow cytometry, tissue staining & microscopy, quantitative expression analysis, metabolic analyses). Prior (or concurrent) attendance of the lecture "Molekulare Onkologie" ("Molecular Oncology") and the course "Seminare in Onkologie" ("Seminars in Oncology") 1 or 2 is required.

Intended learning outcomes

Knowledge of selected tumour models and techniques for experimental tumour research. Ability to read and understand relevant primary literature.

Courses (type, number of weekly contact hours, language — if other than German)

P (8)
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)

Log (20 to 30 pages) or presentation (20 to 40 minutes)
Language of assessment: German and/or English

Allocation of places

Biochemie (Biochemistry), Master's: 18 places. Places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.

Additional information

--

Workload

300 h

Teaching cycle

--

Referred to in LPO I (examination regulations for teaching-degree programmes)

--

Module appears in

Master's degree (1 major) Biochemistry (2015)
Master's degree (1 major) Biochemistry (2017)
Master's degree (1 major) Biochemistry (2019)