

Module title		Abbreviation
Technologies to Support Regenerative Medicine		03-FU-TRM-161-m01
Module coordinator		Module offered by
holder of the Chair of Regenerative Medicine		Faculty of Medicine
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Technical aspects for the generation of artificial tissue equivalents. Problems of tissue/Implant interfaces. Nanostructuring of surfaces. Cell material interactions.		
Intended learning outcomes		
Students gain fundamental knowledge in the area of tissue/material interfaces, with specific tissue material interactions and the appropriate tissue quality parameters.		
Courses (type, number of weekly contact hours, language – if other than German)		
V (2) + Ü (2)		
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) report on practical course (approx. 10 pages) and b) presentation (approx. 30 minutes) or written examination (approx. 60 minutes) Language of assessment: German and/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		
Master's degree (1 major) Functional Materials (2016)		