

Module title		Abbreviation
Principles of Cell Biology and Tissue Regeneration		03-FU-Zell-152-m01
Module coordinator		Module offered by
holder of the Chair of Orthopaedics (Jakob/Ebert)		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		
Foundations of cell biology (cell structure, organelles, DNA, replication, protein biosynthesis, signal transduction, cell metabolism, stem cells, viruses and prokaryotes, immune system).		
Intended learning outcomes		
Students acquire fundamental knowledge in cell and molecular biology.		
Courses (type, number of weekly contact hours, language – if other than German)		
V (4)		
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) written examination (approx. 90 to 180 minutes) or b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) or d) log (approx. 20 pages) or e) presentation (approx. 30 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		
Bachelor' degree (1 major) Functional Materials (2015) Bachelor' degree (1 major) Functional Materials (2021)		