

Program of Studies:	Master Program Bioinformatics
Name of the module:	Special-topic Lecture Biosciences: Medical Biotechnology
Abbreviation:	B-M-5
Subtitle:	-
Modules:	Lecture: 2 h (block course)
Semester:	2nd semester / every summer semester
Responsible lecturer:	Prof. Dr. Heiko Zimmermann
Lecturer:	Prof. Dr. Heike Zimmermann, group members
Language:	German
Level of the unit/ Mandatory or not:	Graduate course / mandatory elective
Total workload:	90 h = 30 h of classes (lecture), 60 h of private study
Credits:	3
Entrance requirements:	None
Aims/Competences to be developed:	Knowledge of important applications in medical biotechnology
Content:	<ul style="list-style-type: none"> - Biocompatibility - Nanobiotechnology - Electromanipulation of cells - Immobilization and encapsulation - Cryobiotechnology - Cell therapies
Assessment/Exams	Oral exam
Grade:	Grade of the oral exam
Literature:	To be announced