Module title: Principles of Tissue Engineering

Module coordinator: holder of the Chair of Regenerative Medicine

ECTS: 5

Method of grading: numerical grade

Duration: 1 semester

Module level: graduate

Contents:
Medical foundations of organ and tissue damage, medical implants, xenotransplantation, cell culture technology, principles of tissue engineering, 2D and 3D tissue models, stem cell technology.

Intended learning outcomes:
The students have developed knowledge on the medical fundamentals of organ and tissue damage, medical implants, xenotransplantation, cell culture technology, principles of tissue engineering, 2D and 3D tissue models, stem cell technology.

Courses:
S + Ü (no information on SWS (weekly contact hours) and course language available)

Method of assessment:
Students will be informed about the method, length and scope of the assessment prior to the course. Usually, one of the following options will be chosen: a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (approx. 10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes)

Language of assessment: German, English if agreed upon with the examiner

Allocation of places:
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Additional information:
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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 (2012)