## Module title

### Principles of Cell Biology and Tissue Regeneration

### Abbreviation

03-FU-Zell-152-m01

### Module coordinator

holder of the Chair of Orthopaedics (Jakob/Ebert)

### Module offered by

Faculty of Medicine

### ECTS

5

### Method of grading

numerical grade

### Only after succ. compl. of module(s)

--

### Duration

1 semester

### Module level

undergraduate

### Other prerequisites

--

## 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 deep knowledge about 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

--

## Additional information

--

## Referred to in LPO I

(examination regulations for teaching-degree programmes)

--

## Module appears in

Bachelor' degree (1 major) Functional Materials (2015)