COURSE DETAIL

STEM CELL BIOLOGY AND THERAPY
Country Germany
Host Institution Free University of Berlin
Program(s) Free University Berlin
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Biological Sciences Biochemistry
UCEAP Course Number 108
UCEAP Course Suffix
UCEAP Official Title STEM CELL BIOLOGY AND THERAPY
UCEAP Transcript Title STEMCELL BIO&THERPY
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description
This class focuses on stem cell biology and stem cell therapy. In the stem cell biology part of the course, the following topics are covered: stem cell and regenerative medicine, adult stem cell, embryonic stem cell, induced pluripotent stem cell, stem cell niche, technique of purification and characterization (FACS). In the stem cell therapy part of the course, the following topics are covered: the basics of stem cell transplantation, hematopoietic stem cell transplantation (HSCT), cancer stem cell and targeted therapy, skin stem cell and their clinical application, stem cell and cardiac repair.

Language(s) of Instruction
English

Host Institution Course Number
216711a/b

Host Institution Course Title
STEM CELL BIOLOGY/STEM CELL THERAPY

Host Institution Course Details

Host Institution Campus
BIOLOGIE, CHEMIE, PHARMAZIE

Host Institution Faculty

Host Institution Degree

Host Institution Department
Biochemie

Course Last Reviewed

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