

Sommer Semester 2025

Stem Cell Engineering (SCE) Module IV

Master in Stem Cell Medicine

Mondays in HMA 40
11.15 am – 13.00 pm
or 14.15 pm - 16:00 pm

Lecturer:

Prof. Dr. Holm Zähres, RUB, Faculty of Medicine, Anatomie

Guest Lecturers:

Prof. Dr. Irmgard Dietzel-Meyer, RUB, Faculty of Chemistry and Biochemistry

Prof. Dr. Thomas Schmitt-John, Aarhus University, Denmark

07.04.	-
14.04. 14.15	Zähres: DNA, Restriction and Modification, Nucleases
21.04.	Easter Monday
28.04. 14.15	Zähres: Cloning, Prokaryotic Vector Systems, Mutagenesis
05.05. 14.15	Zähres: Sequencing, Gene Expression Analysis
12.05. 11.15	Zähres: Eukaryotic Gene Transfer and Expression
19.05. 14.15	Zähres: Eukaryotic Expression Vectors
26.05. 11.15	Zähres: Gene Knockdown and Targeting, Genome Editing
02.06. 11.15	Zähres: Transgenic Animals
09.06.	RUB Holidays (09.06.-13.06.)
18.06. 9.00 – 16.00	Seminar (Zähres)
23.06. 9.15 – 10.30	Dietzel-Meyer: Cell Physiology Methods
30.06. 9.15 – 10.30	Schmitt-John: Human Genetics Analysis Methods
07.07. 11.15	Repetitorium (Zähres)
21.07. 09.00 HMA 20	Exam
06.10. 09.00 HMA 20	Exam Retake