

Scientific and Methods Modules

TRR67 Matrix Engineering: Synthesis Club



Schedule

Date/Time	Lecturer	Program
February 5 (Wed) 2020		Title
08:45 – 09:00	Gunda Nitzsche	<i>Welcome and Registration</i>
09:00 – 10:45	JProf. Dr. Michael Hacker	Lecture: Fundamentals of polymer synthesis for biomedical applications
11:00 – 12:30	Prof. Dr. Michaela Schulz-Siegmund	Lecture: An introduction to surface modification for biomedical applications
12:30 – 13:30		<i>Lunch break</i>
13:30 – 17:00	Projects A1 and A2	Practical course: Polymer and carbohydrate chemistry, Hydrogels

Date/Time	Lecturer	Program
February 6 (Thu) 2020		Title
09:00 – 10:45	Dr. Matthias Schnabelrauch	Lecture: Structure, reactivity and chemical derivatization of polysaccharides and glycosaminoglycans
11:00 – 11:45	Dr. Matthias Schnabelrauch	Lecture: Synthesis, properties and applications of materials based on polysaccharides (hydrogels, coatings) – Part 1
12:00 – 13:00		<i>Lunch break</i>
13:15 – 14:00	Dr. Matthias Schnabelrauch	Lecture: Synthesis, properties and applications of materials based on polysaccharides (hydrogels, coatings) – Part 2
14:15 – 15:00	Project A1	Demonstration: 3D Printing (cDLP)
15:15 – 16:30		<i>Feedback and exam</i>

Venue:

Leipzig University, Faculty of Medicine, Pharmaceutical Technology, Lecture Hall (1st floor)
(Eilenburger Straße 15A, 04317 Leipzig)

Participation:

Max. Number: 15
Credit points: 2 (graded)

Contact

Gunda Nitzsche
Tel +49 341 97-36990
gunda.nitzsche@uni-leipzig.de