

Scientific and Methods Modules

TRR67 Matrix Engineering: Synthesis Club



Schedule

Date/Time	Lecturer	Program
January 30 (Wed) 2019		Title
9:30 – 11:00	Dr. Michael Hacker	Lecture: Fundamentals of polymer synthesis for biomedical applications
11:15 – 12:45	<i>TBA</i>	<i>TBA</i>
13:45 – 16:30		Practical Course 1: Polymer synthesis/ surface modification

Date/Time	Lecturer	Program
January 31 (Thu) 2019		Title
09:00 – 10:30	Dr. Matthias Schnabelrauch	Lecture: Structure and reactivity of polysaccharides and glycosaminoglycans
10:45 – 12:15	Dr. Matthias Schnabelrauch	Lecture: Chemical reactions on polysaccharides
13:00 – 14:30	Dr. Matthias Schnabelrauch	Lecture: Synthesis, properties and applications of materials based on polysaccharides (hydrogels, coatings)
14:30 – 16:30		Practical Course 2: Carbohydrate chemistry

Date/Time	Lecturer	Program
February 1 (Fr) 2019		Title
09:00 – 10:30	Prof. Dr. Michaela Schulz-Siegmund	Lecture: An introduction to surface modification for biomedical applications
10:45 – 12:15	Prof. Dr. Jörg Rademann	Lecture: Basic ligation strategies in carbohydrate and peptide chemistry
13:15 – 16:15		Practical Course 2: Polymer synthesis/ surface modification
16:30 – 18:00	Dr. Michael Hacker / Anett Albrecht	Final Exam, Discussion and Evaluation

Venue:

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

Participation:

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

Registration:

Please register until January 15 by sending an e-Mail to Anett Albrecht.

Organization and Registration

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