

# TimeTable BIOC Biofabrication 2020

Woche ab: 6. Juli

	06.07 MONTAG	07.07 DIENSTAG	08.07 MITTWOCH	09.07 DONNERSTAG
09:00 Uhr	<b>Opening Remarks (TS)</b>	<b>Dr. Daniel Heath</b>	<b>Veronica Glattauer</b>	<b>Prof. Greg Qiao</b>
09:15 Uhr	<b>Teambuilding</b>	Design of biomaterials for superior cellular interactions	Material Matters; Source, Design and Products	Material Chemistry Used in Biological Administration
10:00 Uhr		<b>Jun.-Prof. Anna Schenk</b>	<b>Prof. Seema Agarwal</b>	<b>Prof. Frank Döpfer</b>
10:15 Uhr	<b>Prof. Thomas Scheibel</b>	From Sea Urchins to Catalysts: Bio-inspired Materials Chemistry	Smart Polymers as Biomaterials	Process chains - a production management perspective
	Spider Silk Part 1			
<b>11:00 Uhr</b>	<b>Morning Break</b>	<b>Morning Break</b>	<b>Morning Break</b>	<b>Morning Break</b>
11:15 Uhr	<b>Prof. Georg Papastavrou</b>	<b>Prof. Hans-Werner Schmidt</b>	<b>Prof. Andreas Greiner</b>	<b>Prof. Birte Höcker</b>
	Characterizing Biomaterials on the Nanoscale	Polymergradient materials	Biobased Polymers	Protein design
<b>12:15 Uhr</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Closing remarks (TS)</b>
13:15 Uhr	<b>Dr. Hendrik Bargel</b>	<b>Vanessa Neubauer</b>	<b>Dr. Sahar Salehi</b>	
	Correlative Light & Electron Microscopy (CLEM) imaging platform	Innovate-Build-Test: Experimentation in Industry	Soft tissues biomechanics	
14:15 Uhr	<b>Prof. Thomas Scheibel</b>	<b>Prof. Leonid Ionov</b>	<b>Prof. Gregor Lang</b>	
	Spider Silk Part 2	4D Biofabrication using Smart Polymers	Rheology of Bioinks	
<b>15:15 Uhr</b>	<b>Afternoon Break</b>	<b>Afternoon Break</b>	<b>Afternoon Break</b>	
15:30 Uhr	<b>Dr. Valerie Jerome</b>	<b>Dr. Thomas Gruhn</b>	<b>Prof. Thomas Scheibel</b>	
	Process Biotechnology: Where biology and technique meet	Introduction to molecular dynamic simulation	Spider Silk Part 3	
<b>16:30 Uhr</b>	<b>Closing of the day</b>	<b>Closing of the day</b>	<b>Closing of the day</b>	
<b>19:30 Uhr</b>	<b>International Lounge</b> <b>Eduardo J. Simoes</b>			
	The Global Burden of COVID-19: Lessons Learned from the First Six Months of the Epidemic			