

### TU Vorlesung 2024: Introduction to Biomaterials and Tissue Engineering

Date	Time		Prename	Surname	Topic
<b>16.05.2024</b>	09:30 - 10:30		Heinz	Redl	Introduction
	10:30 - 11:30		Paul	Slezak	Shockwave
	11:30 - 12:30		Raffael	Reichsöllner	Biomaterials for Hemostasis
	12:30 - 14:00		<b>Break</b>		
	14:00 - 15:00		Nadja	Ring	In vitro disease modelling and in vivo functional selection
	15:00 - 16:30		Barbara	Bachmann	3D cell culture and organ-on-a-chip
<b>21.05.2024</b>					
	09:00 - 10:30		Heinz	Redl	
	10:30 - 11:30		Andreas	Teuschl-Woller	Silk as a versatile biomaterial in tissue engineering applications
	11:30 - 12:30		Andreas	Teuschl-Woller	Examples of Bioreactors used in tissue engineering applications
	12:30 - 14:00		<b>Break</b>		
	14:00 - 15:00		Thomas	Heuser	Tissue Visualisation by Electron Microscopy
	15:00 - 16:00		Helene	Dworak	The p-rpS6 zone as a novel marker of the healing process
	16:00 - 17:00		Peter	Dungel	Photobiomodulation & Photodynamik
<b>23.05.2024</b>	09:30 - 10:30		Heinz	Redl	Institutsführung LBI
	10:30 - 11:00		Heinz	Redl	Institutsführung LBI
	11:00 - 11:30		<b>Break/Walk back</b>		
	11:30 - 12:30		Wolfgang	Weninger	
	12:30 - 14:00		<b>Break</b>		
	14:00 - 15:00		Patrick	Heimel	$\mu$ CT Imaging in Preclinical Research
	15:00 - 16:00		Stefan	Tangl	Mechanisms of Implant Integration
	16:00 - 17:00				
<b>29.05.2024</b>	09:30 - 10:30		Sylvia	Nürnbergger	Cartilage Regeneration
	10:30 - 11:30		Susanne	Wolbank	Stem cells in Regenerative Medicine
	11:30 - 12:30		Wolfgang	Holthoner	Vascular Tissue Engineering and Extracellular Vesicles
	12:30 - 14:00		<b>Break</b>		
	14:00 - 15:00		Regina	Brunauer	Finger Regeneration
	15:00 - 16:00		Conny	Schneider	(wenn remote möglich)
<b>The exams will take place on 20.06.2024</b>					