

Physics and biomolecular methods in medical research

SS 2024 e-Teaching (zoom) vNr: 7C4002

15.04.2024 – 19.07.2024

Thursday 11.00 – 12.00 a.m. LIFE-SeminarRoom

obligatory for PhD in advanced structured training of URO & LIFE and all LIFE-students (PhD, Master, Bachelor, Intern)

Zoom-Meeting: <https://lmu-munich.zoom.us/j/96412505955?pwd=bkNsRGFqYWJ1U2RBS1JudDB5MHFCQT09>

Meeting-ID: 964 1250 5955 Password: 804611

Date	Presenter	Lecture title
18.04.24	Alexander Tamalunas	Holmium Laser Enucleation of the Prostate (HoLEP) - clinical research
25.04.24	Max Aumiller	Basics in Light Tissue Interactions: From Basics to Simulations
02.05.24	Adrian Rühm	Photodynamic Therapy – from basics to clinical application
09.05.24	Feiertag	
16.05.24	Felix Wäger	Elastography of hard tissue using pump probe microscopy
23.05.24	Martin Hennenberg	Medical treatment of LUTS suggestive of BPH: Drugs and options, limits, and research
30.05.24	Feiertag	
06.06.24	Adrian Rühm	Diffuse remission spectroscopy and Fluorescence measurement
13.06.24	Christian Homann	Optical Coherence Tomography - How does it work and use in medical applications
20.06.24	Ronald Sroka	Laser applications in medicine
27.06.24	Alexander Buchner	Basics of statistics in medicine and medical research
04.07.24	Max Aumiller	Phantome / Standard / Referenzen
11.07.24	Martin Hennenberg	Displaying and Reporting Data, Data Analysis, and Statistics in Experimental Biology: New author guidelines and their pragmatic use
18.07.24	Heike Pohla	Applications of Flow Cytometry in Immunology
25.07.24	Martin Hennenberg	Investigation of smooth muscle contraction by organ bath