

Online Lecture

DSO Lecture Winter Semester 2024/25

12-2024-IX

WS 2024/25: "Methods and Techniques"		
	Topic	Lecturer
15.10.2024	Analysis of DNA methylation and histone modifications	Daniel Nettersheim (Urology)
22.10.2024	CRISPR/Cas9 genome editing	Götz Hensel (Centre for Plant Genome Engineering, Plant Biochemistry)
29.10.2024	NGS (WGS, RNA-Seq, etc.)	Jochen Hecht (GTL, BMFZ)
05.11.2024	Multiplex Immunohistochemistry	Irene Esposito (Pathology)
12.11.2024	High resolution fluorescence microscopy	Stefanie Weidtkamp-Peters (Center for Advanced Imaging)
19.11.2024	Isolation of circulating tumor cells	Hans Neubauer (Gynecology)
03.12.2024	Mass spectrometry / proteomics in tumor research	Kai Stühler (MPL, BMFZ)
10.12.2024	<i>In vivo</i> model: CAM	Georg Flügen (General Surgery)
17.12.2024	Spatial Transcriptomics	Yi-Nan Li (Rheumatology)
07.01.2025	Viral vectors	Constanze Wiek (Throat, Nose and Ear Medicine)
14.01.2025	FACS	Johannes Fischer (ITZ)
21.01.2025	Drug development	Matthias Kassack (Pharmaceutical Chemistry)
28.01.2025	Bioinformatics (for beginners)	Alexander Dilthey (Medical Microbiology)
04.02.2025	<i>In vivo</i> models: Organoide / Tumoroide / Patient-derived xenografts	Daniel Nettersheim/Alexa Stephan (Urology)
11.02.2025	Mass spectrometry / proteomics in tumor research	Kai Stühler (MPL, BMFZ)

Time

every Tuesday, 13.30 h, MS Teams Meeting: **neuer Link (04.12.2024):**

<https://teams.microsoft.com/l/meetup-join/19%3ab-ijG5jmMTT0t0ZAwTU2KgaAUGKhkGdd9PRz-5St45Q1%40thread.tacv2/1733230266002?context={%22Tid%3A%22ea26065e-2aa0-496e-90f8-62619cbd8225%22%22Oid%3A%229ef09546-a414-49e3-8b4d-015ab45c481b%22%22}}>

Chair: Prof. Daniel Nettersheim

Lecture length

40 min., plus discussion