

Online Lecture

DSO Lecture Sommer Semester 2023

03-2023-VII

SS 2023: "Methods and Techniques"		
	Topic	Lecturer
11.04.2023	CRISPR/Cas9 genome editing	Götz Hensel (Centre for Plant Genome Engineering, Plant Biochemistry)
18.04.2023	Analysis of DNA methylation and histone modifications	Daniel Nettersheim/Margaretha Skowron (Urology)
25.04.2023	NGS (WGS, RNA-Seq, etc.)	Wolfgang Göring (Pathologie)
02.05.2023	Multiplex Immunohistochemistry	Irene Esposito (Pathology)
09.05.2023	Mass spectrometry / proteomics in tumor research	Kai Stühler (BMFZ, MPL)
16.05.2023	Advanced 3D skin equivalents for disease modeling	Jos Smits (Dermatology)
23.05.2023	Isolation of circulating tumor cells	Hans Neubauer (Gynecology)
30.05.2023	High resolution fluorescence microscopy	Stefanie Weidtkamp-Peters (Center for Advanced Imaging)
06.06.2023	<i>In vivo</i> model: CAM	Georg Flügen (General Surgery)
13.06.2023	Investigation of RNA-protein interactions	Nan Qin (Pediatric Oncology)
20.06.2023	Viral vectors	Constanze Wiek (Throat, Nose and Ear Medicine)
27.06.2023	Drug development	Matthias Kassack (Pharmaceutical Chemistry)
04.07.2023	<i>In vivo</i> models: Organoide / Tumoroide / Patient-derived xenografts	Jay Gopalakrishnan (Human Genetics)
11.07.2023	FACS	Johannes Fischer (ITZ)
18.07.2023	Bioinformatics (for beginners)	Alexander Dilthey (Medical Microbiology)

Time every Tuesday, 13.30 h, MS Teams Meeting:

<https://teams.microsoft.com/join/19%3aaf7486f0bf74496c9a4f83023b19f91d%40thread.tacv2/1609783972464?context=%7b%22id%22%3a%22ea26065e-2aa0-496e-90f8-62619cbd8225%22%2c%22oid%22%3a%229ef09546-a414-49e3-8b4d-015ab45c481b%22%7d>

Chair: Prof. Daniel Nettersheim

Lecture length 40 min., plus discussion