

Online Lecture

DSO Lecture Summer Semester 2025

SS 2025: 'Cellular and (epi-)genetic mechanisms in tumor development'

	Topic	Lecturer
22.04.2025	Cell cycle, cell proliferation, senescence	Roland Piekorz (Biochemistry and Molecular Biology II)
29.04.2025	Role of apoptosis in tumorigenesis and therapy resistance	Sebastian Wesselborg (Molecular Medicine I)
06.05.2025	DNA and RNA Tumor viruses	Johannes Ptok (Virology)
13.05.2025	Autophagy in Cancer	Björn Stork (Molecular Medicine I)
20.05.2025	The multifaceted roles of the RAS oncogene	Gabriel Lepruvier (Neuropathology)
27.05.2025	DNA repair and DNA damage response	Gerhard Fritz (Toxicology)
03.06.2025	Epigenetic mechanisms	Margaretha Skowron (Urology)
10.06.2025	Introduction of Radiopharmaceutics and its impact to oncology	Jens Cardinale (Nuclear Medicine)
17.06.2025	Tissue-based molecular diagnostics in personalized oncology	Irene Esposito (Pathology)
24.06.2025	What is theranostics – the switch from standardizes medicine to personlized medicine in the field of nuclear medicine	Frederik Giesel (Nuclear Medicine)
01.07.2025	Mutational patterns in human cancers	Wolfgang Göring (Pathology)
08.07.2025	The cellular origin and pathogenesis of B cell lymphoma	Marc Seifert (Hematology, Oncology and Clinical Immunology)
15.07.2025	Hallmarks of cancer and tumor microenvironment – the big picture	Tilman Rau (Pathology)

Time

every Tuesday, 13.30 h, MS Teams Meeting:

[https://teams.microsoft.com/j/19%3ab-ijG5jmMTT0t0ZAwTU2KgaAUGKhkGdd9PRz-5St45Q1%40thread.tacv2/1733230266002?context={\"Tid\"%3a\"ea26065e-2aa0-496e-90f8-62619cbd8225\"%2c\"Oid\"%3a\"9ef09546-a414-49e3-8b4d-015ab45c481b\"}](https://teams.microsoft.com/j/19%3ab-ijG5jmMTT0t0ZAwTU2KgaAUGKhkGdd9PRz-5St45Q1%40thread.tacv2/1733230266002?context={\)

Chair: Prof. Nettersheim

Duration

40 min., plus discussion