

DSO Retreat

May 24, 2023 in Düsseldorf

(O.A.S.E, Building 16.61)

Program

09.15 h	Welcome	Sebastian Wesselborg (Speaker of the DSO; Molecular Medicine I)
	I. Invited guest lecture	Sebastian Wesselborg (Molecular Medicine I)
09.20 h	A systems medicine approach to establishing personalized and targeted therapies for leukemias and lymphomas	Sascha Dietrich (Hematology, Oncology, Clinical Immunology)
	II. DSO PhD Fellows	Daniel Nettersheim (Urology)
09.45 h	Using a malarial protein to improve circulating tumor cell detection in triple negative breast cancer patients	Deniz Dilay Karayel (Gynecology)
10.00 h	The Genomic Landscape of Pediatric B-cell Precursor Acute Lymphoblastic Leukemia deciphered by Optical Genome Mapping and Next-Generation Sequencing	Danielle Brandes (Pediatric Oncology, Hematology and Clin. Immunology)
10.15 h	Modelling CREBBP or EP300 loss to identify new therapeutic vulnerabilities in BCP-ALL	Katharina Scharov (Pediatric Oncology, Hematology and Clin. Immunology)
10.30 h	Deciphering the molecular and (epi)genetic mechanisms of yolk-sac tumor formation to identify principles of therapy resistance and new therapeutic options	Mara Kotthoff (Urology)
10.45 h	Elimination of chemotherapeutic-resistant tumors by natural product-induced cell death	Laura Schmitt (Molecular Medicine I)
11.00 h	Coffee Break	
	III. DSO Network Program 2023	Sebastian Wesselborg (Molecular Medicine I)
11.30 h	SPATIAL: Systematic Phenotyping to Analyse Tumour-Immune interActions in Liquid and solid malignancies	Peter Bruch (Hematology, Oncology and Clinical Immunology)
11.50 h	IV. Guests from MSSO ^{Cologne/Düsseldorf}	Roland Ullrich (Speaker of the MSSO ^{ABCD} ; Internal Medicine, Cologne)
11.55 h	Functional synapses between small cell lung cancer and glutamatergic neurons	Filippo Beleggia (Translational Genomics, Cologne)
12.10 h	Role of UBQLN1 in DNA Repair and Cancer	Orsolya Leidecker (MPI for Biology of Ageing, Cologne)
12.25 h	CSF1R-blockade enhances CAR T-cell response in DLBCL	Paul Segbers (Internal Medicine, Cologne)
12.40 h	Non-Standard Applications of Proteomics in Cancer Research	Marc Driessen (Molecular Proteomics, BMFZ, Düsseldorf)
12.55 h	Lunch Break	
	V. MD scholarship students of the DSO	Irene Esposito (Pathology)
14.00 h	Molecular characterization of precursor lesions of pancreatic cancer and their microenvironment in mice and humans	Leon Boshoven (Pathology)
14.15 h	Clinical relevance of circulating tumor cells and tumor-derived extracellular vesicles collected intraoperatively	Stefan Cieslik (General Surgery)
14.30 h	Genetic and epigenetic alterations in pancreatic cancer and their implications in the mesopancreatic fat infiltration	Ayoub Razki (General Surgery)
14.45 h	Epigenetic analysis of biomarker genes in terms of their methylation patterns in prostate cancer	Jamal Sheik (Transplantation Diagnostics and Cell Therapeutics, ITZ)
15.00 h	High-throughput in vitro drug screening identifies novel targeted treatment options in meningioma cell culture models	Johanna Trübel (Pediatric Oncology, Hematology and Clin. Immunology)
15.15 h	Therapeutic targeting of medulloblastoma using Briciclib	Marlene Baca Olivera (Pediatric Oncology, Hematology and Clin. Immunology)
15.30 h	Coffee Break	
15.45 h	Closing remarks	Sebastian Wesselborg (Molecular Medicine I)

Time/Location Mai 24, 2022, 9.30 - 16.30 h, Building 16.61, O.A.S.E.

Steering board Irene Esposito, Tanja Fehm, Norbert Gattermann, Bernhard Homey, Tom Lütde, Daniel Nettersheim, Guido Reifenberger, Sebastian Wesselborg

Organisation Cornelia Höner

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