

DSO Retreat

May 15, 2025 in Düsseldorf (O.A.S.E, Building 16.61)

Program

09.30 h	Welcome	Sebastian Wesselborg (Speaker of the DSO; Molecular Medicine I)
I. DSO Network Program SPATIAL		
09.35 h	SPATIAL: Systematic Phenotyping to Analyse Tumour-Immune interActions in Liquid and solid malignancies	Sascha Dietrich (Oncology, Hematology and Clinical Immunology)
II. DSO PhD Fellows SPATIAL		
09.50 h	Investigating the microenvironmental architecture of hematological malignancies in bone marrow and soft tissue	Sarah Koziel (Sascha Dietrich, Oncology, Hematology and Clinical Immunology)
10.05 h	Immune training enhances anti-viral responses and improves outcomes in Pax5-/+ mice susceptible to chronic infection	Olivia Stencel (Arndt Borkhardt, Aleksandra Pandyra, Paediatric Oncology, Haematology and Immunology)
10.20 h	Spatial immunomodulation in pancreatic neuroendocrine tumors and draining lymph nodes	Kim Sommer (Irene Esposito, Maximilian Seidl, Pathology)
10.35 h	Coffee Break	
11.05 h	III. Invited Guest Lecture	Sebastian Wesselborg (Molecular Medicine I)
11.10 h	The concept of neo-adjuvant Immunotherapies	Peter Brossart (Director of the Medical Clinic and Polyclinic III Department of Oncology, Hematology, Immuno-Oncology and Rheumatology, University Hospital Bonn - CIO ^{Bonn})
11.50 h	IV. Guests from MSSO^{Aachen/Bonn/Cologne/Düsseldorf}	Stefanie Habersetzer (Scientific Coordination Platform, Department I of Internal Medicine, Cologne)
11.55 h	Targeting CSF1R+ myelo-monocytic cells enhances CAR-T cell response in B cell lymphoma	David Stahl (Department I of Internal Medicine; Cologne)
12.10 h	Overcoming endothelial cell anergy by VEGFR2 inhibition to enhance CAR T cell response in aggressive B cell lymphoma	Lilli Schlözer (Department I of Internal Medicine; Cologne)
V. Alumni from MSSO^{Aachen/Bonn/Cologne/Düsseldorf}		
12.30 h	Investigating Mathematical Modeling and Phosphoproteomics for Precision Medicine	Nan Qin (SFS Core Facility Manager, Hematology, Oncology and Clinical Immunology, Düsseldorf)
12.45 h	From MSSO Funding to Tenure-Track: A Journey in Cancer Research	Lydia Meder (Cell Plasticity at the Tumor Host Interface, Oncology Research Group Experimental Medicine, Erlangen)
13.05 h	Lunch Break	
VI. DSO Fellows		
14.00 h	In vivo isolation of breast cancer circulating tumor cells using the CAM assay	Mihaela Ruseva (Tanja Fehm, Hans Neubauer, Research Laboratory of the Gynaecological Clinic)
14.15 h	Modulation of DC-stimulated T cells for the generation of an effective antitumoral adoptive T-cell transfer	Nico Vallieri (Rüdiger Sorg, Institute for Transplantation Diagnostics and Cell Therapeutics)
14.30 h	Dissecting and optimizing the process of human ILC3 generation	Julian Reiß (Markus Uhrberg, Institut Transplantation Diagnostics and Cell Therapeutics)
14.45 h	Characterization of apoptosis inducing natural compounds for the treatment of therapy resistant tumors -with focus on CDK inhibitors	Karina Krings (Sebastian Wesselborg, Molecular Medicine I)
15.00 h	Novel Approach For Ferroptosis Induction And Overcoming Chemoresistance In B-ALL Via Targeting Polo-like Kinase 1	Pawel Stachura (Aleksandra Pandyra, Paediatric Oncology, Haematology and Immunology)
15.15 h	Closing Remarks	Sebastian Wesselborg (Molecular Medicine I)
15.20 h	Coffee Break	Get-together

Time/Location Mai 15, 2025, 9.30 - 16.30 h, Building 16.61, O.A.S.E.

Steering board Arndt Borkhardt, Sascha Dietrich, Irene Esposito, Tanja Fehm, Norbert Gattermann, Frederik Giesel, Bernhard Homey, Tom Lüdde, Daniel Nettersheim, Guido Reifenberger, Nick Stoecklein, Sebastian Wesselborg

Organisation Nina Prescher

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