

MSSO Retreat 2026 | PROGRAM

Thursday, 24.09.2026

08:45	Doors open Coffee & Breakfast	
09:15	Welcome	Roland Ullrich (Speaker of the MSSO, Department I of Internal Medicine; Cologne) & Michael Hölzel (Institute of Experimental Oncology; Bonn)
09:20	SESSION I: Hematology	Ruth Flümann (Department I of Internal Medicine; Cologne)
09:20	CDK4/6 inhibition reverses endothelial energy and enhances CAR-T cell efficacy in aggressive B-cell lymphoma	Charlotte Orschel (Department I of Internal Medicine; Cologne)
09:45	Leukemia-tumor interactions of second primary malignancies in patients with chronic lymphocytic leukemia	Florian Simon (Department I of Internal Medicine; Cologne)
10:10	Targeting hematopoietic-specific WASP in hematological malignancies: the unexplored road in MPN	Marcelo A. Szymanski de Toledo (Medical Clinic IV; Aachen)
10:35	SESSION II: Keynote Lecture	Peter Kreuzaler (Institute for Metabolomics in Ageing, CECAD; Cologne)
10:35	Modulation of cancer immunity - are T cells the key?	Philipp Lang (Department of Molecular Medicine II; Düsseldorf)
11:20	Coffee Break	
11:40	SESSION III: Solid Tumors	Helmut Pospiech (Department of Obstetrics and Gynaecology; Düsseldorf)
11:40	Unraveling metabolic and proteostatic compensation in POLE-mutated endometrial cancers through single-cell omics	Gleice Borges (Translational Gynecologic Oncology; Düsseldorf)
12:05	Dynamic multi-omic serum and immune-cell profiling for prediction of response to immune checkpoint blockade in non-small cell lung cancer	Jonas Saal (Medical Clinic III; Bonn)
12:30	GABA and serotonin as modulators of immune functions in small cell lung cancer	Anne Schmitz (Department of Translational Genomics; Cologne)
12:55	Lunch Break	
13:55	SESSION IV: Keynote Lecture	Roland Ullrich (Speaker of the MSSO, Department I of Internal Medicine; Cologne)
13:55	Extracellular Vesicles: Emerging Players in Tumor-Host Communication	Elke Pogge von Strandmann (Center for Tumor Biology and Immunology, Marburg University)
14:40	SESSION V: Cancer Immunology & Immunotherapy	Peter Brossart (Medical Clinic III, Department of Oncology, Hematology, Immuno-Oncology and Rheumatology; Bonn)
14:40	Genetic algorithm unlocks challenging targets for de novo design of T cell engagers	Elisabeth Tan (Institute of Experimental Oncology; Bonn)
15:05	De novo design and validation of TCR-mimetic-CAR Targeting IGFBPL-1 Peptide-HLA-complexes for Cancer Immunotherapy in Small-Cell Lung Cancer	Benjamin McEnroe (Institute for Experimental Oncology; Bonn)
15:30	The influence of MYC expression in double-hit diffuse large B cell lymphoma on tumour-supportive macrophage polarization by metabolic modulation	Anna Beielstein (Department I of Internal Medicine; Cologne)
15:55	Coffee Break & POSTER SESSION	
16:55	SESSION VI: Cancer Neuroscience	Michael Hölzel (Institute of Experimental Oncology; Bonn)
16:55	Deciphering intercellular communication and network connectivity across the glioblastoma infiltration continuum	Barbara Pregler (Department of Neurosurgery; Bonn)
17:20	Microglial calcium dynamics in a glioblastoma mouse model	Sarah Eyberg (Department of Neurooncology; Bonn)
17:45	Molecular characterization and classification of neuroblastoma	Magdalena Sol Grauer (Department of Experimental Pediatric Oncology; Cologne)
18:10	Closing	Roland Ullrich (Speaker of the MSSO, Department I of Internal Medicine; Cologne) & Michael Hölzel (Institute of Experimental Oncology; Bonn)
18:15	Get-together Dinner 18.15 – 22.00 h	

Steering board: Roland Ullrich, Michael Hölzel

Organisation: Stefanie Habersetzer

Address: Schloss Wahn, Burgallee 2, 51147 Cologne

Registration: <https://mssso-cologne-bonn.de/newsroom>

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POSTER SESSION (15:55 – 16:55)		
MSSO Fellows		
1	Role of SYK in reprogramming the LME and enhancing the susceptibility to CAR-T cell therapy	Lisa Dietz (Department I of Internal Medicine; Cologne)
2	Purinergic Signalling as a Therapeutic Target in Glioblastoma: From Mechanisms to Clinical Potential	Anja Rizzuto (Department of Neurooncology; Bonn)
3	Establishment and Characterization of Patient-Derived Organoids from Lung Cancer Brain Metastases for Advanced Drug Screening	Lara Kievel (Pathology; Bonn)
4	Optimizing Urinary Cell-Free DNA Recovery From Large Volumes Of Urine For Urothelial Cancer Diagnostics	Catharine Paiss (Department of Urology and Paediatric Urology; Bonn)
5	G-quadruplex targeting by CX-5461 as a novel therapeutic strategy in testicular germ cell tumors	Rashidul Islam (Department of Developmental Pathology; Bonn)
6	Targeting connectivity: A network-centric drug screening to overcome temozolomide resistance in glioblastoma	Paul Hein (Clinic and Polyclinic for Neurosurgery; Bonn)
7	Relevance of endogenous PU.1 expression in melanoma differentiation and immunogenicity	Tabea Herzberg (Department of Dermatology and Allergy; Bonn)
Guests		
8	Uni Bonn (Med. Faculty) Zebrafisch Core Facility	Benjamin Odermatt, Tobias Lindenberg (Anatomy; Bonn)

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