

NEW FRONTIERS IN IMMUNOLOGY, INFECTION AND CANCER

Poster ID	Name	Poster Title	Session
1	Katharina Lindner	Large scale identification, tracking and characterization of vaccine-induced neoepitope-specific T cell receptors in patients with IDH1-mutant glioma	S04: Immunoreceptors and antigens
2	Laura Katharina Steffens	Identification of a potent tumor-reactive T-cell repertoire in microsatellite stable colorectal cancers by means of single cell RNA sequencing	S01: T cells in infection and cancer
3	Niels Halama	Synergistic adaptive and innate immunity in the treatment of gastrointestinal microsatellite-stable colorectal cancer	S05: Microenvironment
4	Robert Eibl	Molecular Resolution of Rolling Tumor-to-Endothelial Cell Interactions	S02: Lymphatics and blood vessels
5	Liubov Chuprikova	Development of a Spillover Risk Score Model for Pandemic Preparedness: Integrating Virus and Host Phylogenies to Forecast Zoonotic Transmissions.	S06: Viruses in cancer
6	Xu Holtkotte	3D Bioprinting: new models in cancer immunotherapy	S03: Modelling immunity
7	Stefan Zens	Charting the tumor-reactive T cell repertoire in DNA damage repair (DDR) deficient pancreatic cancer towards development of personalized T cell therapy	S04: Immunoreceptors and antigens
8	Xiyue Zhao	Understanding regulatory mechanisms of PD-1 expression by genome-wide genetic screen	S01: T cells in infection and cancer
9	Jannis Wißfeld	mRNA-Based Strategies for Targeted Tumor Microenvironment Modulation to Enhance Antitumor Immunity	S05: Microenvironment
10	Elisenda Alsina Sanchis	Endothelial RBPJ expression is essential for splenic B cell homeostasis.	S02: Lymphatics and blood vessels
11	Alicia Avenhaus	Downregulation of the cellular protein E6AP leads to efficient senescence induction in HPV-positive cancer cells	S06: Viruses in cancer
12	Lisa Li	Diffusion-limited cytokine signaling in T cell populations	S03: Modelling immunity
13	Zhe Li	Memory B cells dominate the early antibody-secreting cell response to SARS-CoV-2 mRNA vaccination in naïve individuals independently of their antibody affinity	S04: Immunoreceptors and antigens

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14	Ann-Katrin Schlosser	Development of a therapeutic HPV16 vaccination strategy using HPV16 E6/E7-dependent orthotopic tumor models in MHC-humanized mice	S01: T cells in infection and cancer
15	Ramona Meissner	Non-replicating influenza A viruses armed with interferon gamma modulate the tumor environment of cancer-bearing mice	S05: Microenvironment
16	Emma Reynaud	Immunomodulatory effects of lymphatic endothelial cells in melanoma-draining lymph nodes.	S02: Lymphatics and blood vessels
17	Martin Boos	Engineering T-cell Retargeting Antibodies for Intratumoral Delivery by Oncolytic Adenoviruses	S06: Viruses in cancer
18	Doroteja Ilic	Involvement of antiviral pathways in cell death decisions and their exploitation for tumor therapy	S03: Modelling immunity
19	Helen Stark	Defining immune checkpoints controlling $\gamma\delta$ T cell recognition of melanoma cells	S04: Immunoreceptors and antigens
20	Cansu Eris	Repurposing GPCR targeting agents to augment anti-tumor T cell response	S01: T cells in infection and cancer
21	Aso Omer Mohammed	Preclinical Human Glioblastoma Invasion model for advancing Immunotherapy	S05: Microenvironment
22	Dennis Alexander Agardy	Immune Cell Dynamics at the Brain's Borders: Perivascular T Cell Niches and Vascular Interactions.	S02: Lymphatics and blood vessels
23	Laura Kayser	Exploring RNA-switches for controllable expression of therapeutic proteins in tumors by oncolytic viruses	S06: Viruses in cancer
24	Rosa Kreider	Modeling Interferon-driven Immune Cell Priming in Viral Infections	S03: Modelling immunity
25	Nika Vuckovic	Identification of T cell epitopes for cancer immunotherapy approaches using targeted and data-independent acquisition (DIA) immunopeptidomics	S04: Immunoreceptors and antigens
26	Kathrin Wellach	Characterization of HLA-restricted HPV16 E6/E7-derived T cell epitopes for their suitability as immunotherapy targets	S01: T cells in infection and cancer

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27	Meggy Suarez-Carmona	Visceral adipose tissue proximity as a biomarker of response to immunotherapy in epithelial ovarian cancer	S05: Microenvironment
28	Carina Krug	Efficacy of a therapeutic HPV16 vaccine based on bacterial spores	S01: T cells in infection and cancer
29	Riccardo Pecori	Exploring the ability of a dsRNA deaminases (ADAR1) to deaminate DNA	S06: Viruses in cancer
30	Kim Boonekamp	High-throughput phenotypic screening of co-cultured patient derived cancer organoids and immune cells	S03: Modelling Immunity
31	Ashish Goyal	Epigenetic therapies induced antigens – a novel class of immunotherapy targets	S04: Immunoreceptors and antigens
32	Franziska Oliveri	Novel mouse model for HPV-induced head and neck cancer for the identification of immunosuppressive pathways	S01: T cells in infection and cancer
33	Julia Oberbauer	Analysis of the immune checkpoint function of TAM receptors in anti-tumor NK cell responses	S05: Microenvironment
34	Hannah van Dijk	Single-cell based TCR assessment of the human T cell response against a malaria parasite protein	S01: T cells in infection and cancer
35	Aditi Dhawan	Generation of HBV nucleocapsids arrested in different genome maturation states to understand dynamics of HBV morphogenesis	S06: Viruses in cancer
36	Alessia Floerchinger	CD20-targeting bispecific antibodies improve response to CD19-CAR T-cells in B-cell malignancies	S01: T cells in infection and cancer
37	Ali Bashiri Dezfouli	Targeted Immunotherapy for HNSCC: Harnessing the Potential of Anti-mHsp70 CAR-NK Cells	S04: Immunoreceptors and antigens
38	Anna Berthel	Modulation of chemokines enhances effects of adoptive T cell therapies in human solid tumor explants	S01: T cells in infection and cancer
39	Johanne Audouze-Chaud	Combining therapeutic vaccination with low-dose irradiation for the treatment of orthotopic HPV-driven cancers	S05: Microenvironment

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40	Mohamed Mahmoud	Systematic identification of modulators of CXCL10 and CXCL9	S01: T cells in infection and cancer
41	Katia Dittus	Immunoprofiling in the scope of radiotherapy	S06: Viruses in cancer
42	Alaa Madi	Triacylglycerol synthesis detoxifies androgen receptor signaling to promote antitumor immunity	S01: T cells in infection and cancer
43	Isabel Poschke	Epitope-specific expansion cultures with subsequent TCR identification (ESPEC-SUIT) – a platform for efficient discovery of TCRs from both CD4 and CD8 T cells	S04: Immunoreceptors and antigens
44	Xin-Wen Zhang	Synergistic systematic analyses of therapeutic response mechanisms in renal cell carcinoma with fully human tissue models and in silico modelling of “copycats”	S05: Microenvironment
45	Jürg P.F. Nüesch	Portfolio of Selfpropagating Oncosuppressive Protoviruses: Searching for Optimal Properties of Candidate Strains and Variants.	S06: Viruses in cancer
46	Joshua Malapit	Insights into the Pathogenic Role of Tumor-derived Autoreactive Antibodies in Yo-associated Paraneoplastic Cerebellar Degeneration	S04: Immunoreceptors and antigens
47	Borhane Guezguez	An Inflammatory State Remodels the Bone Marrow Microenvironment and T-cell Landscape in Human Clonal Hematopoiesis and Myelodysplastic Syndromes	S05: Microenvironment
48	Franziska Klingler	Swarms of novel Anelloviruses in Cancer Patients	S06: Viruses in cancer
49	Megan Ford	Benchmarking of high-throughput immunopeptidomics workflows	S04: Immunoreceptors and antigens
50	Johannes Morschl	Dendritic Cell development and Function in Multiple Myeloma	S05: Microenvironment
51	David Gomez-Zepeda	Thunder-DDA-PASEF boosted by MS2Rescore enables high sensitivity and high-coverage immunopeptidomics and identifies SARS-Cov-2 spike antigens	S04: Immunoreceptors and antigens
52	Tania Araujo Ramos	Macrophage Anti-Tumour Activity Is Chromatin Remodeling Factor HMGA1 Dependent	S05: Microenvironment

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53	Yannic Chen	Identification of neoepitopes from ADAR dependent RNA editing events by LC MS immunopeptidomics	S04: Immunoreceptors and antigens
54	Lena Schorr	Modelling Cancer-Microbe Interactions with Organoids and Organ-On-Chip	S05: Microenvironment
55	Julian Beyrle	A sequential DIA immunopeptidomics workflow for high sensitivity in-depth immunopeptidomics	S04: Immunoreceptors and antigens
56	Miray Cetin	Identifying clinically relevant metabolic cell states in metastatic breast cancer using multiplexed imaging	S05: Microenvironment
57	Alexandra Pöchmann	Immunomodulation induced by Interleukin-1 inhibition activates T cells and dendritic cells in colorectal cancer	S05: Microenvironment
58	Johanna Wagner	Deciphering sarcoma tumor ecosystems cell by cell and spatially resolved	S05: Microenvironment
59	Jennifer Zimmermann	Multidimensional Organoid Studies - Deciphering metabolic interactions in the TME of CRC	S05: Microenvironment
60	Verena Panitz	Interleukin-4-induced-1 plays a role in immunometabolism in cancer	S05: Microenvironment
61	Gunjan Shukla	Link between bovine meat and milk factor protein expression and inflammation as possible driver of colorectal cancer – new options for prevention and therapy?	S05: Microenvironment
62	Loan Vulliard	Explainable multiplexed and panel-adaptive cellular profiles of the tumor immune microenvironment	S05: Microenvironment
63	Axel Roers	Induced loss of TREX1 in host cells inflames the tumor micromilieu and invigorates CTL-mediated cancer control	S05: Microenvironment