

PROGRAM

International Symposium on Tumor-Host Interaction in Head and Neck Cancer

January 28–29, 2022 in Essen, Germany

Time	Friday, January 28	Saturday, January 29	Time
		Short talks Session 3: Immunotherapy & clinical trials	08.15–10.30
08.30–08.35	Opening Session Moderators: Stephan Lang Jens Peter Klussmann	Moderators: Ulrich Keilholz Stefan Kasper-Virchow	
08.35–10.30	Short talks Session 1: Molecular Biology & tumor-immune interplay Moderators: Kirsten Lauber Thomas Hoffmann Intro/Update: Christoph Andreas Reichel Ines Ugele: HNSCC: Immunological and metabolic characterization of different tumor stage and localization Bernd Uhl: Uncoupled biological and chronological ageing of neutrophils in HNSCC promotes tumor progression Moshe Elkabets: Trametinib sensitizes head and neck cancer to immunotherapy via interfering the tumor–host interactions Nils Ludwig: Inhibition of TGFβ carried by tumor-derived exosomes ameliorates angiogenesis and head and neck cancer progression Jagoda Szlachetko: Bi-directional cross-talk of cancer cells and tumor-associated neutrophils triggers innate immune escape Nuha Gaafar: PD-L1 expression in the epithelial compartment at invasive tumour front is an independent prognostic biomarker in a cohort of oral squamous cell carcinoma Sudanese patients Henrike Zech: Patient derived ex vivo tissue slice cultures demonstrate a profound DNA double-strand break repair defect in HPV-positive OPSCC	Welcome note from Professor Zhigang Huang, President of China ENT Society Intro/Update: Barbara Wollenberg Xiaohong Chen: Analysis of gene detection data of 115 cases of adenoid cystic carcinoma Hanqing Lin: Impact of radiation on function and apoptosis in peripheral CD8+ T lymphocytes in head and neck cancer patients Xiaoke Zhu: CXCR4hiCD62Llo Aged Neutrophils in Laryngeal Squamous Cell Carcinoma Display an Immunosuppressive Phenotype Yu Heng: Tumor-infiltrating Antigen Presenting Cell Composition in the Human Laryngeal Squamous Cell Carcinoma Kathrin Scheckenbach/Corinna Haist: EGFR- and CD44v6-based CAR T-cell therapy for head and neck squamous cell carcinoma in Fanconi anemia Ekaterina Pylaeva: Neutrophils in tumor-draining lymph nodes control T-cell dependent anticancer immunity Qiao Li: Head and neck cancer stem cell vaccine significantly reduces local tumor relapse and prolongs survival in the adjuvant setting Andreas Dietz: IAG-KHT Update	
10.30–11.00	Break and Industrial Exhibition	Break and Industrial Exhibition	10.30–11.00
11.00–12.30	Short talks Session 2: Biomarkers and novel technologies Moderators: Tim Waterboer Chia-Jung Busch Intro/Update: Jochen Hess Olivier Gires: Slug-related partial EMT is a transcriptomic prognosticator of head and neck cancer Stephan Hackenberg: 68Ga-FAPI PET/CT: a novel imaging approach to improve the specificity of cancer detection in patients with CUP or small oropharyngeal cancer Elia Lombardo: Linear regression and deep learning models for transcriptome-based HPV-status prediction in head and neck squamous cell carcinoma Cornelius Kürten: Using single cell RNA sequencing to investigate the Head and neck TME: novel insights and clinical implications Jochen Hess: Prognostic gene signature for squamous cell carcinoma with a higher risk for treatment failure and accelerated MEK-ERK pathway activity	Short talks Session 4: Radiotherapy & Radiomics and HPV-associated HNC Moderators: Martin Stuschke Jens Peter Klussmann Intro/Update: Ingeborg Tinhofer-Keilholz Nicole Brenner: Early detection of HPV-driven oropharyngeal cancer in asymptomatic individuals in the Hamburg City Health Study using HPV16 E6 serology Peter Weber: Transcriptional subtypes in matched primary and recurrent head and neck squamous cell carcinomas Julia Hess: Integration of p16/HPV DNA status with a 24-miRNA-defined molecular phenotype improves clinically relevant stratification of head and neck cancer patients Piotr Widlak: Exosome-mediated radiation-induced bystander effect in human head and neck cancer cells in vitro Kirsten Lauber: Early senescence and production of senescence-associated cytokines are major determinants of radioresistance in head-and-neck squamous cell carcinoma	11.00–12.30
12.30–13.00	Lunch Break and Industrial Exhibition	Lunch Break and Industrial Exhibition	12.30–13.30
13.00–13.30	INDUSTRY SYMPOSIA: MSD Sharp & Dohme GmbH Barbara Wollenberg: Chances of Immune Oncology in Head Neck Cancer	INDUSTRY SYMPOSIA: Bristol Meyers Squibb GmbH & Co. KGaA From bench to bed side – novel immuno-oncologic therapies for HNSCC cancer patients	
13.30–14.30	Keynote Session A Moderators: Christian Reinhardt René Leemans Hisham Mehanna: PredICTR – a predictive biomarker for treatment selection in oropharyngeal cancer Christian Hinrichs: Cell therapy for epithelial cancers	Keynote Session D Moderators: Stephan Lang Wojciech Golusinski Ruud Brakenhoff: Intratumoral Genetic Heterogeneity in Head and Neck Cancer Theresa Whiteside: Exosomes as a diagnostic biomarker in the plasma of HNSCC	13.30–14.30
14.30–14.45	Break and Industrial Exhibition	Break and Industrial Exhibition	14.30–14.45
14.45–15.45	Keynote Session B Moderators: Stephan Lang Christian Betz Ravindra Uppaluri: Understanding resistance to anti-PD1 therapy in HNSCC Simon Keek: Handcrafted and deep Radiomics in Head & Neck cancer: What is next?	Keynote Session E Moderators: Sven Brandau Maximilian Linxweiler Itay Tirosh: Understanding cellular heterogeneity in head and neck cancer by single cell RNA-seq Tullia Bruno: B cell signatures and tertiary lymphoid structures contribute to outcome in head and neck squamous cell carcinoma	14.45–15.45
15.45–16.00	Break and Industrial Exhibition	Break and Industrial Exhibition	15.45–16.00
16.00–17.00	Keynote Session C Moderators: Dietmar Thurnher Piero Nicolai Tanguy Seiwert: Novel immunotherapy agents in development for Head and Neck cancer and their biologic rationale Jean-Pascal Machiels: Biomarker-driven trial design in HNSCC	Keynote Session F Moderators: Victor Grünwald Christian Simon Christian Ottensmeier: Immunotherapy in head and neck cancer: modulation of the tumour microenvironment Robert Ferris: Integrating Head and Neck Cancer Immunotherapy into Locally Advanced Treatment	16.00–17.00
17.00–17.15	Break and Industrial Exhibition	Break and Industrial Exhibition	17.00–17.15
17.15–18.00	Panel Discussion I: Clinical trial design Moderators: Chris Holsinger Stefan Kasper-Virchow Panelists: Tanguy Seiwert, Ravindra Uppaluri, Jean-Pascal Machiels, Hisham Mehanna	Panel Discussion II: Biomarkers HNSCC Moderators: Jochen Hess Sven Brandau Panelists: Robert Ferris, Christian Ottensmeier, Theresa Whiteside, Ruud Brakenhoff	17.15–18.00
18.00–19.30	Poster Session Moderators: Stefan Mattheis Jochen Hess Stefan Kasper-Virchow Viktor Grünwald Cornelius Kürten Nora Würdemann Benjamin Kansy Jadwiga Jablonska-Koch Timon Hussain Anke Daser	Closing session & Poster Prize	18.00–18.15
20.00–22.00	SOCIAL EVENING - CANCELLED!		