

Preface

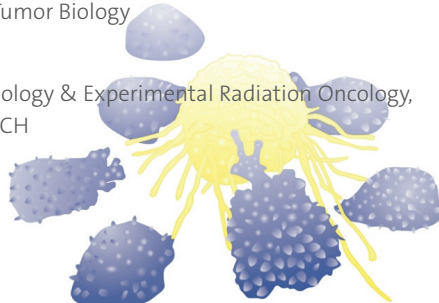
Harnessing the power of the immune system to fight cancer has been the most important breakthrough in the current oncological era. However, understanding the complex regulatory networks and dynamic interactions between a multitude of immune cell populations in order to elicit a tumor-specific immune response is challenging. Interdisciplinary approaches and collaborative efforts are needed to synergize knowledge and expertise.

In that context we would like to build onto the initiative we started in 2019 before we all became isolated by Covid. Again we would intend to connect immunological and oncological expertise within the UKE and bring groups together again as in our 1st event in 2019. This „2nd UCCH Immuno-Oncology Symposium 2023“ as an internal UKE symposium aims to see pure immunological groups, who do not have an oncological focus, and oncological groups, who are currently building up immunological expertise, meet in order to present their focus of research, share technological expertise and start a dialogue.

We are looking forward to your participation.

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Prof. M. Westphal, Prof. J. Gempt
Department of Neurosurgery
Laboratory for Brain Tumor Biology

Prof. K Rothkamm
Laboratory of Radiobiology & Experimental Radiation Oncology,
Scientific Director UCCH



Contact / Location

Hubertus Wald Tumorzentrum
University Cancer Center Hamburg (UCCH)

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Martinistraße 52 | 20246 Hamburg

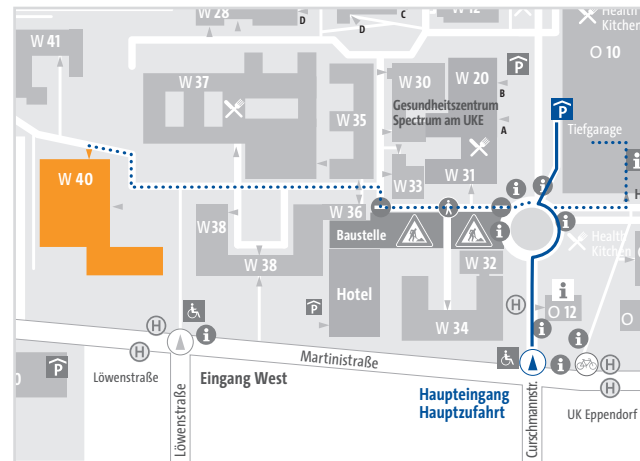
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PD Dr. Malte Mohme

Department of Neurosurgery
Laboratory for Brain Tumor Biology

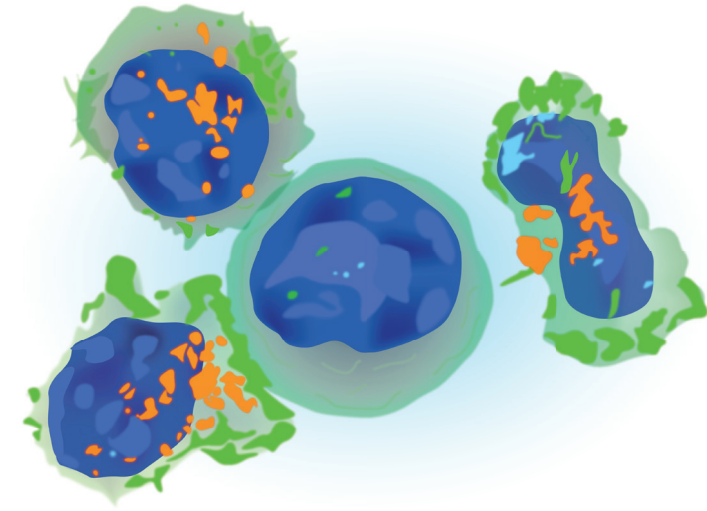


Lecture hall W40 (Hörsaal Augenklinik)

We welcome everybody who is interested in immunological and oncological research. The participation is **free of charge**. For a better planning we would appreciate that every participant **registers in advance** (see details inside).



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Connecting groups and ideas within the UKE
**2nd UCCH Immuno-Oncology
Symposium 2023**

08.06.2023 | 9:00 - 15:30 hrs |
Lecture hall W40 (Hörsaal Augenklinik)



Universitätsklinikum Hamburg-Eppendorf

Groups and Expertise

Recognition of target cells: learning from anti-viral NK cell responses

Prof. Altfeld, Immunology

Clinical implications of CAR T-cell therapy for hematological malignancies

Prof. Ayuk, Stem Cell Transplantation

Immunobioinformatics in developmental neurobiology and pediatric neurooncology

Dr. Bockmayr, Prof. Schüller, Pediatric Oncology and Neuropathology

Inflammatory-induced neurodegeneration in multiple sclerosis

Prof. Friese, ZMNH

Role of immune checkpoints in immune escape of acute myeloid leukemia

Prof. Fiedler, Oncology

Dynamic molecular mechanism of T cell plasticity and the role of Tregs in intestinal immunity

Prof. Gagliani, Internal Medicine and General Surgery

Immune resistance during checkpoint therapy and the role of danger signals in malignant melanoma

Prof. Gebhardt, Dermatology

Role of TH17 and Tregs in intestinal immune regulation

Prof. Huber, Internal Medicine

Single-cell gene expression profiling of tissue-specific immune cells in renal autoimmune disease

PD Dr. Krebs, Nephrology

Inflammatory immune activation in stroke

Prof. Magnus, Neurology

Cancer immunoediting, immune escape and the tumor-specific immune response in malignant brain tumors

PD Dr. Mohme, Prof. Lamszus, Neurosurgery

Stem cell transplantation and immunotherapy in pediatric hematology/oncology

Prof. Müller, Pediatric Oncology

Blood-based biomarkers (liquid biopsy) in cancer progression, brain metastases and immune escape

Prof. Pantel, Prof. Riethdorf, Prof. Wikman, Tumor Biology

Tracking tumor cell heterogeneity using barcoding techniques and genetic modification of tumor-specific immune cells

Prof. Fehse, PD Dr. Riecken, Stem Cell Transplantation

The role of radiation therapy and the DNA damage response in signal transduction, cancer progression and immune activation

Prof. Borgmann, S. Classen, Radiation Oncology

Application of multidimensional flow cytometry and bioinformatic tools for monitoring the human immune system

Prof. Tolosa, Immunology

and others

– list in alphabetical order

Registration

For a better planning of the size we would appreciate that every participant registers in advance at:

ucch.science.info@uke.de

Abstract Submission

Present your project with a **short talk or poster** and extend your network within the UKE. Please mail us an unstructured abstract of around 200-300 words in advance to the following e-mail address:

ucch.science.info@uke.de

Deadline: 28.05.2023