



Program

10th Annual Retreat of

i-Target 2.0: „Immunotargeting of Cancer“



Thursday September 11th and Friday 12th 2025
Fraueninsel, Chiemsee

08:00	Meet at Nußbaumstraße/Mathildenstraße corner, Munich
08:15	Departure of the bus
10:50	Ferry departure to Fraueninsel, Gstadt (keep your ticket for the return trip)
11:20	Arrival at Fraueninsel, check-in for rooms
12:00	Lunch at Klosterwirt

13:15 to 16:15 Session I: Understanding Immune Variability
Chairs: Linda Hammann and Maria Bengoa

13:15	Wendy den Hartog, Jakob Harwood, Helen Stirling, and Prof. Dr. med. Stefan Endres: Welcome
13:30	Prof. Dr. med. Sebastian Kobold: Introduction round
14:15 to 14:25	Adriano Carboniero, LMU, Theurich lab <i>Modification of the Functional and Anti-cancer Profile of NK cell Subpopulations in the Context of Obesity and Exercise</i>
14:30 to 14:40	Helen Stirling, LMU, Rothenfußer lab <i>Investigating Neutralising Antibodies Following Yellow Fever Vaccination</i>
14:45 to 15:00	Group picture
15:00 to 15:30	Coffee break
15:30 to 16:00	Poster session I (poster titles can be found on page 7)

13:15 to 16:15 Session II: Manipulation of SAMHD1 and Beyond
Chair: Emanuele Carlini

16:00 to 16:15 PD Dr. Hanna-Mari Baldauf, LMU, Baldauf lab

Manipulation of the Cellular Enzyme SAMHD1 and Beyond

16:15 to 17:30 Outdoor Networking and Dinner

16:15 to 17:30 Outdoor networking (Soccer, Frisbee, Volleyball, etc.)

17:30 to 19:00 Dinner

19:30 to 20:45 Session II: Evening Lecture

Chair: Stefan Endres

19:30 to 19:40 Introduction

19:40 to 20:10 Prof. Dr. med. Julia Mayerle, LMU University Hospital, Vice Dean, Faculty of Medicine, LMU

Complex Lipids in Pancreatic Cancer – Why do they Matter

20:10 to 20:45 Discussion

20:45 Get-together in the Cloister

Friday, September 12th, 2025

08:00 to 09:30 Breakfast and check-out

9:30 to 11:00 Session III: Advances in T Cell Immunotherapy

Chairs: Emre Erdogan and Simon Delahais

- 9:30 to 9:40 Dr. med. Sophia Stock, LMU, Kobold lab
Potential of Adapter CAR T Cells for an Optimized Immunotherapy
- 09:45 to 09:55 Stefanos Michaelides, LMU, Kobold lab
IL-22 Receptor Signaling Reprograms T Cells for Sustained Tumor Control in ACT of Solid Tumors
- 10:00 to 10:10 Arman Öner, LMU, Kobold lab
GDF-15 Neutralization Enhances T cell Infiltration in Solid Tumor Models
- 10:15 to 10:30 Coffee break
- 10:30 to 11:00 Poster session II (poster titles can be found on page 8)

11:00 to 11:45 Session V: Visiting Students – Program in Immunology, Harvard Medical School

Chairs: Mara Henrich and Kathrin Gabriel



- 11:00 to 11:10 Davis Garner, Program in Immunology, Harvard Medical School
Charting a Reference Pan-Epigenome of the MHC Locus in B-Cells
- 11:15 to 11:25 Ayantu Temesgen, Program in Immunology, Harvard Medical School
Investigating the Immunosuppressive Effects of Acyl-Carnites on CD8+ T Cells
- 11:30 to 11:40 Thomas Conway, Program in Immunology, Harvard Medical School
RGMB Regulates Antitumor T cell Responses

11:45 to 13:00 Lunch at Klosterwirt

13:30 to 14:30 Session VI: Immune Mechanisms and Modulation in Cancer

Chairs: Anja Surla and Jakob Harwood

13:30 to 13:40 Nilofer Razak, LMU, König and Schnurr lab

Exploring Neutrophil Subpopulations in Pancreatic Adenocarcinoma

13:45 to 13:55 Giulia Petra Rappa, LMU, Subklewe lab

Generation of Antigen Specific T Cells to Fight Acute Myeloid Leukemia

14:00 to 14:15 Dr. Sara Egea Rodrigues, LMU, Helfrich lab

RECLQ4 as a Target to Enhance Response to Immune Checkpoint Inhibitors in Melanoma

14:15 to 14:30 Coffee break

14:30 to 15:30 Session VII: Engineering CAR-Based Immunotherapies

Chairs: David Andreu Sanz and Wendy den Hartog

14:30 to 14:40 Thomas Janert, LMU, Kobold lab

CAR T Cells Co-Targeting Acute Myeloid Leukemia and B Cells

14:45 to 14:55 Charlotte Carcopino, LMU, Kobold lab

Arming Induced-Pluripotent Stem Cell-Derived NK Cells with a CAR for the Treatment of Acute Myeloid Leukemia

15:00 to 15:10 Emanuele Carlini, LMU, Kobold lab

Engineering of Non-Canonical IL-23R Signalling Enables Persistence and Enduring Function of CAR T Cells in Solid Tumors

15:15 to 15:30 Stefan Endres: Farewell and Awards

15:30 Departure and Journey Home

16:15	Meet at the dock
16:30	Ferry departure (ticket from yesterday)
17:15	Bus departure
18:30	Arrival in Munich

Poster session I (Thursday 11th, 15:30):

Emre Erdogan, LMU, Kobold lab

Development of a Discriminating Chimeric Antigen Receptor against Acute Myeloid Leukemia

Wendy den Hartog, LMU, Kobold lab

CAR-iMGL against Alzheimer's Disease: Development and Characterization of anti-A β CAR constructs

Dr. med. Anna Laura Kössinger, LMU, Kobold lab, Zentrum für Neuropathologie

Spatiotemporal Changes in Anti-Apoptotic Protein Expression During Glioblastoma Progression

Rasmus Müller, LMU, Kobold lab

5-Hydroxytryptamin (5-HT) Receptor-induced CAR T Metabotractorion to Enhance Anti-Tumor Immunity

David Andreu Sanz, LMU, Kobold lab

RoseTTAFold Enables Drug Design of Novel Targeting Moieties and Next-Generation Chimeric Antigen Receptor-Engineered T Cells

Selin Sogukcelik, LMU, Rothenfußer lab

Thymoma with Hypogammaglobulinemia

Ziting Zhang, LMU, Helfrich lab

NCAM1 Links Melanoma Brain Metastasis to Brain Microenvironment

Poster session II (Friday 12th, 10:30):

Kathrin Gabriel, LMU, Kobold lab

*Modular Targeting of Acute Myeloid Leukemia with anti-P329G
Adapter CAR T Cells*

Linda Hammann, LMU, Anz lab

Impact of CCR4 Ligands on Tissue Treg Cells in Islet Autoimmunity

Jakob Harwood, LMU, Kobold lab

*Tumor-agnostic Improvement of Cellular Therapies through Drug-Inducible
Chemokine Receptor (DrICk-R) Engineering*

Dr. med. Ngoc-Thien-Thu Nguyen, LMU, Kobold lab

*AvantCAR.de – Advancing CAR T Cell Performance to reach Therapeutic Efficacy
in Solid Tumors*

Ludovica Vona, LMU, Theurich lab

*Establishment of a Solute Carrier Protein (SLC)-wide CRISPR Gain-of-function
Screen to Improve T-cell Properties in Cancer Immunotherapy*

Xinyue Zhou, LMU, Helfrich lab

*Melanoma Brain Metastasis-Derived Small Extracellular Vesicles Induce
Neutrophil-Mediated Immune Suppression*