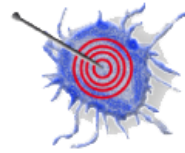


International Graduate Program:
„i-Target: Immunotargeting of Cancer“



Elitenetzwerk
Bayern

Program

7th Annual Retreat of i-Target: „Immunotargeting of Cancer“



Monday October 10th and Tuesday 11th 2022
Fraueninsel, Chiemsee



Monday, October 10th, 2022

- 08:00 Meet at Nußbaumstraße/Mathildenstraße corner, Munich
- 08:20 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 14:45 Session I: Antiviral Immunity

Chairs: David Andreu-Sanz and Emanuele Carlini

- 13:15 Stefan Endres: Welcome
- 13:30 Sebastian Kobold: Introduction round
- 14:15 to 14:25 Antonio Santos del Peral, LMU, Rothenfußer lab
Pre-existing flavivirus immunity reshapes the immunodominance of the yellow fever vaccine
- 14:30 to 14:40 Theresa Seifert, LMU, Rothenfußer lab
Chronic rubella virus infection through T cell failure in a male patient with X-linked agammaglobulinemia
- 14:45 to 15:00 Group picture
- 15:00 to 15:30 Coffee break

15:30 to 16:00 Session II: Tumor-immune interactions in PDAC

Chairs: Daniel Bergér and Alejandra Hernández Cáceres

- 15:30 to 15:40 Dr. Charlotte Marx, LMU, König/Schnurr lab
Neutrophils in pancreatic cancers: Discovering new strategies to reprogram the tumor microenvironment

15:45 to 15:55 Alice Bertocchi, Dana-Farber Cancer Institute, Dougan and Agudo labs
B cells facilitate lymph node colonization in pancreatic ductal adenocarcinoma

16:00 to 19:00 Outdoor Networking and Dinner

16:00 to 17:30 Outdoor networking (Soccer, Frisbee, Spikeball, etc)

17:30 to 19:00 Dinner at Gasthaus "Zur Linde" – Gasthaus closes at 19:00

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

Chair: Stefan Endres

19:30 to 19:40 Introduction

19:40 to 20:10 Prof. Dr. Markus Feuerer, Universität Regensburg
Tissue regulatory T cells

20:10 to 20:45 Discussion

20:45 Get-together in the Cloisters

Tuesday, October 11th, 2022

08:00 to 09:30 Breakfast, Check-out

9:30 to 10:30 Session IV: Harnessing cytokine/chemokine axes

Chairs: Janina Dörr and Sebastijan Spajić

9:30 to 9:40 Emanuele Carlini, LMU, Kobold lab
Chimeric cytokine receptors for adoptive T cell therapy of cancer

9:45 to 9:55 Jan Gärtig, LMU, Anz lab
Block the riposte: Influence of CCL22 on GM-CSF-based cancer immunotherapies

- 10:00 to 10:10 Philipp Müller, LMU, Kobold lab
The world of interleukin-22 – an atypical cytokine
- 10:15 to 10:25 Stefanos Michaelides, LMU, Kobold lab
IL-22 receptor engineering of T cells for optimized adoptive cellular therapy of solid tumors
- 10:30 to 11:00 Coffee break

11:00 to 12:00 Session V: Immunotherapy of blood cancers

Chairs: Lisa Rohrbacher and Monika Sponheimer

- 11:00 to 11:10 Daniel Bergér, LMU, Klein lab
Spatially confined T cell mediated anti-AML tumor immunity by dual recognition antibodies (CD123/CD200)
- 11:15 to 11:25 Lena-Marie Jablonowski, LMU, Feuchtinger lab
CRISPR-screen based identification of target genes controlling bi-specific T-cell engager therapy (BiTE) in acute lymphoblastic B-lineage leukemia
- 11:30 to 11:40 Alejandra Hernández Cáceres, LMU, Hopfner lab
Generating and characterizing co-stimulatory fusion antibodies
- 11:45 to 11:55 Sabine Oganessian, LMU, Theurich lab
Spatio-functional characterization of tumor-infiltrating B cells in cutaneous T cell lymphoma
- 12:00 to 13:00 Lunch at Klosterwirt

13:30 to 14:30 Session VI: T cell immunity

Chairs: Jan Gärtig and Antonio Santos del Peral

- 13:30 to 13:40 Jonathan Trautwein, FAU, Mougiakakos lab
Characterization of ferroptosis in T cells

13:45 to 13:55 Nora Philipp, LMU, Subklewe lab
T-cell exhaustion induced by continuous bispecific molecule exposure is ameliorated by treatment-free intervals

14:00 to 14:30 Coffee break

14:30 to 15:30 Session VII: Engineering of cellular therapy

Chairs: Duc Huynh and Stefanos Michaelides

14:30 to 14:40 Thaddäus Strzalkowski, LMU, Kobold lab
Armoring anti-HER2 CAR-T cells with CCR8 and a dominant negative TGF- β receptor to enable efficacy in solid tumor models

14:45 to 14:55 Blake Smith, MIT and Dana-Farber Cancer Institute, Birnbaum and Dougan labs
Engineering a pseudotyped lentiviral platform to enable lineage-specific transduction of immune cells

15:00 to 15:10 Janina Dörr, LMU, Kobold lab
Generation of PGE₂-resistant CAR T cells

15:15 to 15:30 Stefan Endres: Farewell

16:15 Meet at the dock

16:30 Ferry departure (ticket from yesterday)

17:00 Bus departure

18:30 Arrival in Munich

Participants of the i-Target Retreat 2022

Guest speaker: University of Regensburg



Prof. Dr. med. Markus Feuerer
Head, Department of Immunology,
Leibniz Institute for Immunotherapy (LIT)

Immune regulation, regulatory T cells (Tissue immunology, Immune responses, Synthetic immunology)

Guests: Harvard Medical School, Blavatnik Institute, Boston USA



Blake Smith, PhD Program in Immunology
T cell therapies, Immunoengineering



Alice Bertocchi, PhD Program in Immunology
Lymph node metastasis, B cells



Japer Lee, PhD Program in Immunology



Andrea Lebron Figueroa, PhD Program in Immunology

T cell activation, host-pathogen interaction

Anz lab, LMU, Division of Clinical Pharmacology and Department of Medicine II (Gastroenterology)



Jan Gärtig, doctoral researcher (PhD track)

Combination of immunoregulatory therapies in pancreatic cancer



Antonia Beimert, doctoral researcher (MD track)

Modulation of immune regulation in pancreatic cancer by CCR4 blockade



Kevin Bahner, doctoral researcher (MD track)

**Baldauf lab, Max von Pettenkofer-Institute, Virology
Nationale Reference Center for Retroviruses**



Hanna-Mari Baldauf, PD Dr. rer. nat. habil.
med.

Group leader VIIRAL lab

Innate Immunity, Retroviruses, AML



Ramya Nair, doctoral researcher (PhD track)

AML chemotherapy resistance, viral protein

**Feuchtinger lab, LMU, Dr. von Haunersches Kinderspital
(Comprehensive Childhood Research Center - CCRC)**



Lena Maria Jablonowski, doctoral researcher
(PhD track)

CRISPR Screen

Blinatumomab therapy



Alina Schwedas doctoral researcher (MD track)
CAR-NK cell engineering, pediatric leukemia



Maximilian Zwermann, doctoral researcher
(MD track)
CAR T cell therapy, Infectious diseases

Hopfner lab, LMU, Gene Center



Anja Wittner, doctoral researcher (PhD track)
Development of tumor-targeted antibodies,
T cell co-stimulation



Alejandra Hernández Cáceres, doctoral
researcher (PhD track)
Therapeutic antibodies

Klein lab, LMU, Dr. von Haunersches Kinderspital (Comprehensive Childhood Research Center - CCRC)



Daniel Bergér, doctoral researcher (PhD track)
Acute myeloid leukaemia stem cells,
dual targeting antibodies

Division of Clinical Pharmacology, LMU



Stefan Endres, Prof. Dr. med.
Director, Division of Clinical Pharmacology,
i-Target Speaker

Kobold lab, LMU, Division of Clinical Pharmacology



Sebastian Kobold, Prof. Dr. med.
Head, Immunpharmacology



Daria Briukhovetska, Dr. rer. nat.
Interleukin 22, cancer metastasis



Donjetë Simnica, Dr. rer. nat.



Iman Dalloul, PhD



Janina Dörr, doctoral researcher (PhD track)
Interleukins in cancer



Duc Huynh, doctoral researcher (PhD track)
Natural killer cell memory



David Andreu Sanz, doctoral researcher
(PhD track)



Emanuele Carlini, doctoral researcher
(PhD track)
CAR T cells; Cytokine receptors



Lisa Gregor, doctoral researcher (PhD track)
CAR T cell therapy, solid tumor therapy



Sebastijan Spajić Dr. med., doctoral researcher
(PhD track)

Chemokines, colorectal cancer



Jacob Jobst, doctoral researcher (MD track)



Veronika Igl, doctoral researcher (MD track)

CAR T cells, AML



Stefanos Michaelides, doctoral researcher
(MD track)

Chemokine receptors,
Generating of library of human chemokine receptors



Philipp Jie Müller, doctoral researcher
(MD track)

Molecular mechanisms of interleukin-2 induced
upregulation of CD155 in tumor cells



Thaddäus Strzalkowski, doctoral researcher
(MD track)

The effect of CCR8-DNR-positive CAR T cells on
tumor associated with Her 2 antigen



Lina Majed, doctoral researcher (MD track)



Luisa Fertig, doctoral researcher (MD track)

Immuntherapie, CAR-T cells



Pia Winter, doctoral researcher (MD track)



Mila Gislou, doctoral researcher (MD track)

CAR macrophages, TME



Pedro Mesquita, technical assistant

Immunology, biochemistry

König and Schnurr lab, LMU, Division of Clinical Pharmacology



Lars König, Dr. rer. nat.

Head, Cancer Vaccine lab together with Max Schnurr



Charlotte Marx, Dr. med. vet.



Nicolas Röhrle, doctoral researcher (MD track)

PMN-MDSCs cancer-immunity



Luisa Delius, doctoral researcher (MD track)

Surface marker phenotyping of myeloid cell subsets,
functional description of neutrophils



Julia Teppert, Master student

Nucleic acid immunity, oncology

**Mackensen-Mougiakakos lab, Friedrich-Alexander-University
Erlangen, Department of Medicine V (Hematology and Oncology)**



Jonathan Trautwein, doctoral researcher
(PhD track)

Ferroptosis in immune cells, immune evasion

Rothenfußler lab, LMU, Division of Clinical Pharmacology



Simon Rothenfußler, Prof. Dr. med.

Head, Intracellular Immunity



Magdalena Zaucha, doctoral researcher
(PhD track)

Expression quantitative trait loci (eQTL), RNAseq,
yellow fever



Antonio Santos del Peral, doctoral researcher
(PhD track)

Anti-viral adaptive immunity



Theresa Seifert, doctoral researcher (MD track)

Immune deficiency



Elena Nikolova, doctoral researcher (MD track)

Subklewe lab, LMU, Department of Medicine III (Hematology and Oncology)



Lisa Rohrbacher, doctoral researcher
(PhD track)

Comparison of T cell recruiting therapies:
BiTE, CAR T cells



Nora Philip (née Zieger) doctoral researcher
(PhD track)

T cell exhaustion, BiTE, B cell neoplasia



Alexandra Leutbecher, doctoral researcher
(PhD track)

Therapeutic immunomodulators, adaptive immunity



Monika Sponheimer, doctoral researcher
(PhD track)

Immunomodulators, targeted cancer-
immunotherapy, target antigen evaluation,
therapeutic antibodies

Theurich lab, LMU, Gene Center



Martin Kirmaier, doctoral researcher
(PhD track)

Immunometabolism, nutrient transporter1



Sabine Oganesian, doctoral researcher
(PhD track)

Immunometabolic microenvironment in cutaneous T cell lymphoma



Jingke Tu, doctoral researcher (PhD track)

NK cells, obesity, metabolism



Adriano Carboniero, doctoral researcher
(PhD track)

Cancer and immunometabolism, NK cells-obesity interplay

Senior Scientific Mentor

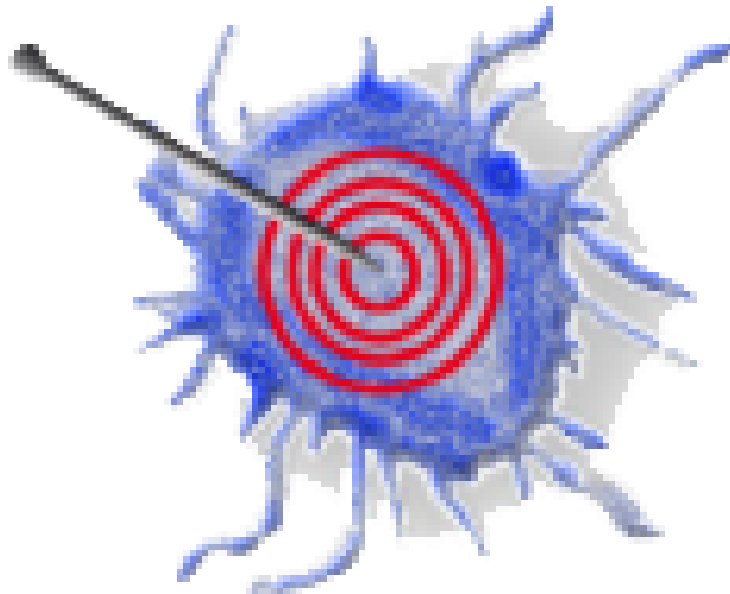


Wolfgang Zimmermann, Prof. Dr. Emeritus

Notes:

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Organising committee

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