

Wednesday
June 5th 2024

DKFZ, Communication Center,
Heidelberg

dkfz.

GERMAN
CANCER RESEARCH CENTER
IN THE HELMHOLTZ ASSOCIATION

NEW FRONTIERS IN IMMUNOLOGY, INFECTION AND CANCER

09:00

Welcome: by Michael Platten and Tim Waterboer

Session 1: T cells in infection and cancer

Veit Buchholz, *Technical University of Munich*

“Stem-like lymphocytes at the origin of adaptive immunity to infection and malignancy”

Petra Bacher, *University Hospital Schleswig-Holstein*

“Modulation of human immunity by T cell cross-reactivity: from commensals to food passengers”

Anne van der Leun, *Dana-Farber Cancer Institute*

“Determinants of an effective anti-tumor T cell response”

Poster talks: Laura Katharina Steffens, Alessia Floerchinger, Alaa Madi

11:00

Coffee Break

11:30

Session 2: Lymphatics and blood vessels

Ulrich von Andrian, *Harvard Medical School*

“Endothelial cell specialization and microvascular segmentation — challenges and opportunities for drug delivery, inflammation and cancer”

Maria Bernabeu, *EMBL Barcelona*

“Bioengineered blood-brain barrier models to study malaria pathogenesis”

Poster talks: Dennis Alexander Agardy, Emma Reynaud

12:45

Lunch Break

13:45

Session 3: Modelling immunity

Nikolche Gjorevski, *Institute f. Human Biology, Roche*

“From organoids to organs: engineering immune responsiveness into organoid models”

Sanket Rane, *Herbert and Florence Irving Institute for Cancer Dynamics*

“Through the Mosaic-Glass: Scoping immune heterogeneity across lymphatic space and time”

Jennifer Oyler Yaniv, *Harvard Medical School*

“The Spread of Interferon- γ in Melanomas is Highly Spatially Confined, Driving Non-Genetic Variability in Tumor Cells”

Poster talks: Lisa Li, Rosa Kreider, Kim Boonekamp

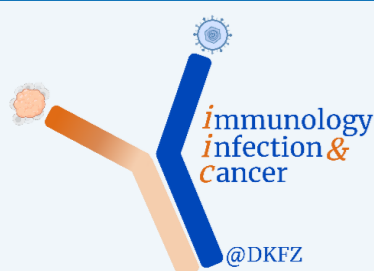
15:30

17:00

Poster session 1 *with drinks & snacks*

Registration: <https://indico.dkfz.de/e/iic-symposium>

E-mail: iic.symposium@dkfz.de



Symposium

Immunology, Infection & Cancer

Thursday
June 6th 2024

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GERMAN
CANCER RESEARCH CENTER
IN THE HELMHOLTZ ASSOCIATION

NEW FRONTIERS IN IMMUNOLOGY, INFECTION AND CANCER

09:30 **Poster session 2**
with coffee & snacks

11:00 **Session 4: Immunoreceptors and antigens**
Sebastian Ols, *University of Washington*
“Interrogating B cell selection with designed proteins”
Susana Minguet, *University of Freiburg*
“From the basic mechanism of TCR activation to innovative immunotherapies”
Poster talks: Zhe Li, Isabel Poschke, Ashish Goyal

12:15 *Lunch Break*

13:15 **Session 5: Microenvironment**
Elisabeth Letellier, *University of Luxembourg*
“The complex role of the tumor microenvironment in colorectal cancer: from fibroblasts to the gut microbiome”
Jonathan Bohlen, *Imagine Institute, Paris*
“Autoinflammation in patients with leukocytic CBL loss-of-heterozygosity is caused by constitutive ERK-mediated monocyte activation”
Poster talks: Ramona Meissner, Niels Halama, Loan Vulliard, Johanna Wagner

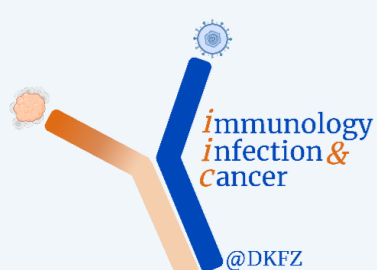
14:35 *Coffee Break*

15:05 **Session 6: Viruses in cancer**
Daniel Blanco-Melo, *Fred Hutch Cancer Center*
“Understanding the diverse roles of human endogenous retroviruses in cancer”
Daniel De Carvalho, *Princess Margaret Cancer Centre*
“Regulation of Endogenous Retroelements as an Emerging Vulnerability and Therapeutic Opportunity in Cancer”
Adam Grundhoff, *Leibniz-Institut for Virology (LIV)*
“(Epi)genomics of Tumorigenic Herpes- and Polyomavirus Infections”
Poster talks: Riccardo Pecori, Liubov Chuprikova

16:45 **Closing remarks**

Registration: <https://indico.dkfz.de/e/iic-symposium>

E-mail: iic.symposium@dkfz.de



Symposium

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