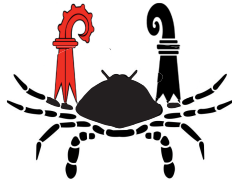


# OncoDay

# Basel

Focal  
Area of  
Research in  
Oncology



Wednesday, May 7th, 2025 | 09:00 - 17:00

Kleiner Hörsaal, ZLF, Department of Biomedicine

Hebelstrasse 20, 4031 Basel

**OncoDay 2025 Organizers:**

*Prof. Gregor Hutter, Dr. Charly Jehanno, Carolina Hager*



# Program of the OncoDay 2025

08.45 – 09.00: Arrival

09.00 – 09.10: Welcome and Opening Remarks

## Session 1, Chair: Clémentine Le Magnen

09.10 – 09.20: Robin Dolgos - Single-cell analysis uncovers preserved prostate cancer lineages and universally altered pathways in Matrigel-free patient-derived organoids

09.20 – 09.30: Ricardo Coelho - Predicting therapy response in advanced ovarian cancer using the DRUG-SENS platform

09.30 – 09.40: Viviane Tschan - Advancing functional precision oncology strategies in aggressive solid tumors

09.40 – 09.50: Franziska Lampart - Tissue Mechanics in Oncology: Transforming Cancer Care Using the Nanomechanical Signature of Solid Tumors

09.50 – 10.00: Alicia Buck - Spatially resolved functional profiling for Glioblastoma

10.00 – 10.10: Jana Petr - Real-Time Tracking of Tumor Invasion Dynamics in Organotypic Brain Slices at Subcellular Resolution

10.10 – 10.40: Coffee Break and interactions with sponsors

## Session 2, Chair: Gregor Hutter

10.40 – 10.50: Ira Pillai - Identifying and Disrupting Neuro-Immune Circuits in Lung Cancer

10.50 – 11.10: Beyond the Lab: Understanding the Patient Experience. Interview with a cancer patient, moderated by Jeanne Füst (<https://gesundheit-heute.ch/>)

11.10 – 11.20: *discussion*

11.20 – 11.50: Prof. Andrea Alimonti - *Keynote Lecture* - TBA

11.50 – 12.00: *discussion*

12.00 – 13.40: Stand-up Lunch and interactions with sponsors

### Session 3, Chair: Andreas Schmitt

**13.40 – 13.50: Kristina Kromer** - Modelling the development of tumor-associated macrophages (TAMs) using a complex human in vitro system of the tumor microenvironment

**14.00 – 14.10: Simon Bredl** - Turning tumors hot: reprogramming the tumor microenvironment using engineered macrophages expressing a chimeric cytokine receptor

**14.00 – 14.10: Joëlle de Vaan** - A Novel Bacterial Platform for Cancer Immunotherapy Elicits Anti-Tumor Neutrophil Functions

**14.10 – 14.40: Prof. Antonio Pierini** - *Keynote Lecture* - Novel graft manipulation strategies to eradicate acute leukemia

*14.40 – 14.50: discussion*

**14.50 – 15.30: Coffee Break and interactions with sponsors**

### Session 4, Chair: Petya Apostolova

**15.30 – 15.40: Alex Zadro** - A High-Throughput Bone Marrow 3D Co-Culture System to Develop Resistance to B Cell Receptor Signaling Targeted Agents in B Cell Non-Hodgkin Lymphoma"

**15.50 – 16.00: Claudia Fischer** - IGLV3-21R110-directed bispecific antibodies activate T cells and promote killing in a high-risk subset of chronic lymphocytic leukemia

**16.00 – 16:10: Andreas Zingg** - In vivo screening of TCR-based chimeric antigen receptors for improved anti-tumor functionality

**16.10 – 16.20: Jerneja Koren** - Oncogene-driven phosphatidic acid accumulation regulates acute myeloid leukemia fitness and immunogenicity

**16.20 – 17.00: Apéro**