

# Cell Culture Days 2021

--- 4.- 5.10.2021 Graz/Austria ---



## Sessions & Speakers

### Session: Application, Treatment, Resistance

Interrogating Drug Action in Primary Tissues with High Content Imaging and Deep Learning  
*Nikolaus Krall*

Targeting Metabolic Flexibility in Liver Cancer  
*Jelena Krstic*

A 2D Adaptive Cancer Drug Resistance Model - Practical Applications  
*Helmut Schaidler*

Oncolytic Viral Therapy for Mesothelioma  
*Lukasz Kuryk*

### Session: Cell Models and Organoids

Directionally Ventilated 3D Cell Culture Model of the Trachea and Bronchus  
*Dagmar Brislinger*

Tumor Organoids and Their Application for Basic Biology and Translational Research  
*Gerda Egger*

In Vitro Tissue Models: Perspectives and Pitfalls for Efficacy Assessment  
*Florian Gröber-Becker*

Sex Differences in Endothelial Progenitor Cells from Umbilical Cord Blood  
*Ursula Hiden*

A New Autologous Cholangiocarcinoma Tumor Model (aCTM) to Study Tumor-Stromal Cross-Talk  
*Silke Schrom*

### Session: Genome Editing and Silencing

Using CRISPR/Cas9 Tools to Identify New Targets for Cancer Treatment  
*Michael Dengler*

RB1-Negative Retinal Organoids Model Retinoblastoma with Proliferation of Cone Photoreceptors and Loss of Differentiation  
*Laura Steenpass*

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### Session: Immune Cells

Modulation of T-Cell Functionality by Extracellular Metabolites

*Stefano Angiari*

PD-1 Directed CD8<sup>+</sup> T-Cell Differentiation and Cancer Immunotherapy

*Aditya Arra*

Metabolic Regulation of T-Cell Responses

*Johannes Fessler*

Adipocyte P53 Shapes Adipose Tissue Plasticity upon Intermittent Fasting in Obese Mice

*Isabel Reinisch*

T-Cells Engineered with FC-Gamma Chimeric Receptors Generate Effector Cells with NK-Like Cytotoxicity

*Giuseppe Sconocchia*

### Session: Tumor Immune Cells and Microenvironment

Investigating the Immuno Regulatory Function of Nr4a1 in Aggressive Lymphomas

*Alexander Deutsch*

Neutrophil Heterogeneity in Non-Small Cell Lung Cancer

*Julia Kargl*

Lymphoma Organotypic Cultures to Model the TME and Therapy

*Alan Ramasy*

### Session: COVID Cell Culture Models

Robust T-Cell and Low Anaphylatoxin Levels are Associated with Mild COVID-19 Disease Progression

*Wilfried Posch*

SARS-CoV-2-Mediated Immunity at Epithelial Barriers

*Doris Wilfingseder*

Specific SARS-CoV-2 Research

*Silvia Groiss*

Specific Biosafety Measures from Autopsy to Cell Culture

*Julia Rieger & Stella Wolfgruber*

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## Interactive talks with focus on technical issues

*Neutrophil - T-cell, Neutrophil - Tumor Cell Co-Cultures*

*Cell Models and Organoids*

*Basics in SARS-CoV-2 research*

## Pricing

**Regular Ticket**

€ 80

**Ticket for OEGfZ-, ÖGMBT-, The RepRefRed Society-Members**

€ 60

Tickets are limited please pre-register by writing an e-mail to  
[victoria.schiffer@medunigraz.at](mailto:victoria.schiffer@medunigraz.at)

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