

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

Erythroid Differentiation of Human Induced Pluripotent Stem Cells via an Organoid Complex
Isabel Dorn

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

Moonlighting Activity of Metabolic Enzymes Controls T-Cell Functionality

Stefano Angiari

PD-1 Directed CD8⁺ 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

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