

Death in the Alps and TRR 353 workshop on cell death (7.-11.01.24),

TRR Poster session: 08-01-2024

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TRR 353 PROJECT: A01

POSTER TITLE: Apoptosis and survival in response to TRAIL signaling in human B cell homeostasis

NAME OF PRESENTER(S): Sabine Schwenk, Marta Rizzi, Julian Staniek

AFFILIATION of MAIN PRESENTER: Department of Rheumatology and Clinical Immunology, Medical Center, University of Freiburg, Freiburg, Germany

TRR 353 PROJECT: A02

POSTER TITLE: Microbial regulation of cell-death induction in the intestinal tract

NAME OF PRESENTER(S): Juliana Farah, Khoa Co, Madeleine Müller-Foxworth, Monica Yabal

AFFILIATION of MAIN PRESENTER: Institute of Molecular Immunology , TUM School of Medicine and Health, , Department Preclinical Medicine, Klinikum rechts der Isar, Technical University München

TRR 353 PROJECT: A03

POSTER TITLE: Determinants of mitochondrial cell death in virus-infected hepatocytes

NAME OF PRESENTER(S): Pauline Krebs, Dirk Wohlleber

AFFILIATION of MAIN PRESENTER: Institute for Molecular Immunology, Technical University of Munich

TRR 353 PROJECT: A05 (poster 1)

POSTER TITLE: Dissecting the basis of the cell death decisions mediated by p53 mutants

NAME OF PRESENTER(S): Alessio Butera¹, Sandra Scharsich¹, Andreas Gruber², Ivano Amelio¹

AFFILIATION of MAIN PRESENTER:

¹ Systems Toxicology, Dept. Biology, University of Konstanz, Konstanz, Germany

² Applied Bioinformatics, Dept. Biology, University of Konstanz, Konstanz, Germany

TRR 353 PROJECT: A05 (poster 2)

POSTER TITLE: Computational modeling of cell death decisions mediated by TP53 mutants and beyond

NAME OF PRESENTER(S): Fabian Bozorgzadeh¹, Alessio Butera², Ivano Amelio²⁺, Andreas Gruber¹⁺

AFFILIATION of MAIN PRESENTER:

¹ Applied Bioinformatics, Dept. Biology, University of Konstanz, Konstanz, Germany

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+ Joint senior authors

TRR 353 PROJECT: A06

POSTER TITLE: Inhibition of PUMA-induced apoptosis preserves hematopoietic stem cell function and prevents bone marrow failure in a dyskeratosis congenita mouse model

NAME OF PRESENTER(S): Christian Molnár, Sheila Bohler, Jovana Rajak, Julia M Weiss, Irene Gonzalez-Mendez, Geoffroy Andrieux, Eva-Maria Demmerath, Lena Wendeburg, Gudrun Göhring, Brigitte Strahm, Doris Steinemann, Martina Rudelius, Melanie Börries, Leticia Quintanilla-Martinez de Fend, Verena Labi, Charlotte M Niemeyer, Miriam Erlacher

AFFILIATION of MAIN PRESENTER:

Department of Pediatrics & Adolescent Medicine, Division of Pediatric Hematology & Oncology, University Medical Center Freiburg, Germany

TRR 353 PROJECT: A07

POSTER TITLE: Studying crosstalk dynamics of signaling complexes in extrinsic and intrinsic cell death pathways by MS-based proteomics

NAME OF PRESENTER(S): Michèle Jost, Mariachiara Squillaci, Mohamed El-Mesery, Florian Stengel, Thomas Brunner

AFFILIATION of MAIN PRESENTER:

Michèle Jost: Biochemical Pharmacology, Dept. Biology, University of Konstanz

Mariachiara Squillaci: Biochemistry and Mass Spectrometry, Dept. Biology, University of Konstanz

TRR 353 PROJECT: A08

POSTER TITLE:

Formation of large protein complexes on the outer mitochondrial membrane by the BCL-2 family proteins and their roles in apoptotic decision

NAME OF PRESENTER(S): Sajad Sofi

AFFILIATION of MAIN PRESENTER: Institute of Medical Microbiology and Hygiene, Medical Center, University of Freiburg, Freiburg, Germany

TRR 353 PROJECT: A09 (poster 1)

POSTER TITLE: Unveiling the role of neuronal metabolism in the decision between mitophagy and cell death

NAME OF PRESENTER(S): Marlana Helms, Simone Wanderoy, Tabitha Hees, Angelika Harbauer

AFFILIATION of MAIN PRESENTER: Max Planck Institute for Biological Intelligence

TRR 353 PROJECT: A09 (poster 2)

POSTER TITLE: When the slave becomes the master: loss of mitochondrial hitchhiking in neurons affects endoplasmic reticulum calcium homeostasis

NAME OF PRESENTER(S): Simone Wanderoy, Marlana Helms, Angelika Harbauer

AFFILIATION of MAIN PRESENTER: Max Planck Institute for Biological Intelligence

TRR 353 PROJECT: A10

POSTER TITLE: Death pores: decision-making at the execution step of regulated necrosis

NAME OF PRESENTER(S): Ana J. Garcia-Saez, Uris Ros, Asma Majoul

AFFILIATION of MAIN PRESENTER: CECAD university of Cologne

TRR 353 PROJECT: B01

POSTER TITLE: Host cell decisions between apoptosis, necroptosis and survival after infections with Herpes Simplex Virus-1 (HSV-1)

NAME OF PRESENTER(S): Dhairya Rajguru, Anusha Klett and Christoph Borner

AFFILIATION of MAIN PRESENTER: Institute of Molecular Medicine and Cell Research, Faculty of Medicine, University of Freiburg, Freiburg, Germany

TRR 353 PROJECT: B02

POSTER TITLE: RIPK1 as a regulator of protection against bacterial infection

NAME OF PRESENTER(S): Daina Chakma, Vik Ven Eng, Rebecca Ambrose, Marcel Doerflinger, Najoua Lalaoui, John Silke, Jaclyn Pearson, Gregor Ebert

AFFILIATION of MAIN PRESENTER: Institute of Virology, Technical University Munich, Munich, Germany

TRR 353 PROJECT: B03

POSTER TITLE: Role of SPATA2 for LUBAC activity independently of CYLD

NAME OF PRESENTER(S): Laura Griewahn, Ulrich Maurer

AFFILIATION of MAIN PRESENTER: University of Freiburg

TRR 353 PROJECT: B04 (poster 1)

POSTER TITLE: Decisive factors to induce cell death via oxeiptosis and the relationship to other forms of regulated cell death

NAME OF PRESENTER(S): Adnan Fojnica, Valter Bergant, Andreas Pichlmair

AFFILIATION of MAIN PRESENTER: Institut für Virologie, Technische Universität München, München

TRR 353 PROJECT: B04 (poster 2)

POSTER TITLE: Calpain 15 – a regulator of pyroptosis cell death regulation?

NAME OF PRESENTER(S): Anqi Wang, Andreas Pichlmair

AFFILIATION of MAIN PRESENTER: TU Munich, Institute of Virology

TRR 353 PROJECT: B05

POSTER TITLE: Oxidative cell death decisions in response to localized peroxide challenges

NAME OF PRESENTER(S): Jiashuo Zheng, Weijia Zhang, Marcus Conrad

AFFILIATION of MAIN PRESENTER: Institute of Metabolism and Cell Death, Helmholtz Munich

TRR 353 PROJECT: B06 (poster 1)

POSTER TITLE: Assessing the impact of changes in cell volume and mitochondrial content on the subcellular (re-)distribution of MCL-1

NAME OF PRESENTER(S): Jenny Geiger, Gavin Fullstone, Markus Rehm

AFFILIATION of MAIN PRESENTER: Institute of Cell Biology and Immunology

TRR 353 PROJECT: B06 (poster 2)

POSTER TITLE: The BCL-XL inhibitor WEHI-539 prevents ferroptosis

NAME OF PRESENTER(S): Juliana Hüther, Yun Qiu, Daniela Stöhr, Maceler Aldrovandi, Toshitaka Nakamura, Jessica Sieger, Nathalie Peters, Ana J. García-Saéz, Marcus Conrad, Markus Rehm

AFFILIATION of MAIN PRESENTER: Institute of Cell Biology and Immunology

TRR 353 PROJECT: B07

POSTER TITLE: Metabolic factors controlling neuronal cell death decisions

NAME OF PRESENTER(S): Markus Brüll, Michael Schäfer

AFFILIATION of MAIN PRESENTER: Biochemical Pharmacology, Dept. Biology, University of Konstanz, Konstanz, Germany

TRR 353 PROJECT: B08 (poster 1)

POSTER TITLE: Impact of growth factor and stress signaling on Bim stability and associated changes in mitochondrial morphology and energy metabolism

NAME OF PRESENTER(S): Yannick Heimann, Thomas Brunner

AFFILIATION of MAIN PRESENTER: Biochemical Pharmacology, Dept. Biology, University of Konstanz, Konstanz, Germany

TRR 353 PROJECT: B08 (poster 2)

POSTER TITLE: Non-canonical BH3-only protein-regulated energy metabolism determines drug-induced liver necrosis

NAME OF PRESENTER(S): Franziska Rudolf, Rebekka Lambrecht, Thomas Brunner

AFFILIATION of MAIN PRESENTER: University of Konstanz