

To remember and
celebrate the life of
Prof. Dr. Günther Schütz
(1940-2020)

Günther Schütz Symposium

May 19th-20th, 2022

German Cancer Research Center (DKFZ)
Communication Centre, Lecture Hall and Foyer

Speakers and Session Chairs:

Peter B. Becker
Anton Bauer
Timothy Cole
Andrii Domansky
David Engblom
Werner W. Franke
Erich Greiner
Bernd Groner
Setsuko Hashimoto
Nancy Hynes
Christoph Kellendonk
Gavin Kelsey
Witold Konopka
Grzegorz Kreiner
Thomas Lemberger
Beat Lutz

Theo Mantamadiotis
Patrick Matthias
A. Paula Monaghan
Valerio Orlando
Rosanna Parlato
Andreas Reik
Andreas Schedl
Wolfgang Schmid
Rainer Spanagel
Albrecht Sippel
Maja Vujic Spasic
Stavros Taraviras
François Tronche
Jan Tuckermann
Ilya A. Vinnikov
Hans Weiher

Organisers:
Hai-Kun Liu
Lluís Montoliu
Siegfried Ruppert
A. Francis Stewart

Contact information:
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Registration:
indico.dkfz.de/event/496



— Günther Schütz Symposium —
19. – 20. May 2022

German Cancer Research Center (DKFZ), Heidelberg, Germany

Thursday, May 19, 2022

Session 1: Welcome, Honours and Keynote Speakers

Chairs: Hai-Kun Liu and Siegfried Ruppert

- 09:00-10:30 **Michael Boutros** (Deputy Director, German Cancer Research Center)
Otmar Wiestler (President, Helmholtz Association of German Research Centres)
Harald zur Hausen (Prof. em., German Cancer Research Center)
Siegrun Korth-Schütz and family delegates
Werner W. Franke (Prof. em., German Cancer Research Center)
Bernd Groner (Prof. em., Georg Speyer Haus, Institute for Tumor Biology and Experimental Therapy Goethe University, Frankfurt am Main, Germany)
From New York to Berlin in 1975
Peter B. Becker (Biomedical Center, Ludwig-Maximilian-University, Munich, Germany)
Lab life in the mid-1980s: A PhD perspective

10:30-11:00 Coffee/Tea break

Session 2: Nuclear Hormone Receptors AND Chromatin

Chair: Nancy Hynes

- 11:00-11:20 **Jan Tuckermann** (Institute of Comparative Molecular Endocrinology (CME), University of Ulm, Germany)
Always good for surprises: The GR
- 11:20-11:40 **Tim Cole** (Department of Biochemistry & Molecular Biology, Monash Biomedicine Discovery Institute, Monash University, Melbourne, Australia)
Dissecting actions of the adrenal steroid nuclear receptors via conditional mutagenesis
- 11:40-12:00 **Andreas Schedl** (Université Côte d'Azur, Inserm, CNRS, iBV, Nice, France)
Stem cells, sex and signalling: How to ensure functional zonation and tissue renewal of the adrenal cortex
- 12:00-12:20 **Maja Vujic Spasic** (Institute of Comparative Molecular Endocrinology, University Ulm, Ulm, Germany)
Cross-talk between glucocorticoids and iron metabolism

12:30-13:40 Lunch

Session 3: Initiatives in Functional Enquiry

Chair: Hans Weiher

- 13:40-14:00 **Peter B. Becker** (Biomedical Center, Division of Molecular Biology, Faculty of Medicine, Ludwig Maximilian University, Munich, Germany)
DNaseI-hypersensitivity – 35 years on

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- 14:00-14:20 **A. Francis Stewart** (Center for Molecular and Cellular Bioengineering, TU Dresden, Germany)
Conditional mutagenesis to investigate epigenetic regulation
- 14:20-14:40 **Gavin Kelsey** (Epigenetics Programme, The Babraham Institute, Cambridge, United Kingdom)
Epigenetic inheritance: understanding epigenetic programming in the germline
- 14:40-15:00 **Lluís Montoliu** (National Centre for Biotechnology, Spanish National Research Council, Madrid, Spain)
From mice to humans: from tyrosinase to albinism
- 15:00-15:20 **Patrick Matthias** (Friedrich Miescher Institute for Biomedical Research (FMI), Basel, Switzerland)
Role of the deacetylase HDAC6 and unanchored ubiquitin chains in viral infection
- 15:20-15:40 Coffee/Tea break

Session 4: Brain 1

Chair: A. Francis Stewart

- 15:40-16:00 **A. Paula Monaghan** (Biomedical Sciences, UMKC School of Medicine, Kansas City, USA; by Zoom – 08:40 AM Kansas City time)
Deciphering the impact of glucocorticoid exposure in the neonatal brain
- 16:00-16:20 **Stavros Taraviras** (Department of Physiology, Medical School, University of Patras, Greece)
Fate commitment decisions of neural stem cells
- 16:20-16:40 **François Tronche** (CNRS UMR8246, UPMC UM119, INSERM UMRS1130, Institut de Biologie, Sorbonne Université, Paris, France)
Stress, chromatin remodelers and social behaviour
- 16:40-17:00 **Christoph Kellendonk** (Departments of Psychiatry and Molecular Pharmacology & Therapeutics, New York State Psychiatric Institute, Columbia University, New York, USA)
Thalamo-cortical interactions in cognition
- 17:00-17:20 **Witold Konopka** (Neurobiology Center, Nencki Institute of Experimental Biology, Warsaw, Poland)
MicroRNAs in brain body metabolic games
- 19:00 Dinner at Restaurant *Rossini* (Neuenheim)
Master of ceremony: **Wolfgang Schmid**
Speakers during dinner – **Albrecht Sippel et al.**, volunteers welcome (beamer available)

Friday, May 20, 2022

Session 5: Brain 2

Chair: Rosanna Parlato

- 09:30-09:50 **Beat Lutz** (Leibniz Institute for Resilience Research (LIR) and Institute of Physiological Chemistry, University Medical Center (UMC), Mainz, Germany)
The fascinating spheres of (endo)cannabinoid signalling
- 09:50-10:10 **David Engblom** (Linköping University, Linköping, Sweden)
Feeling sick: molecular mechanisms
- 10:10-10:30 **Rainer Spanagel** (Institute of Psychopharmacology, Central Institute of Mental Health (ZI), University of Heidelberg, Germany)
Günther's journey into addiction research

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- 10:30-10:50 **Ilya Vinnikov** (Molecular Neurobiology Lab, School of Life Sciences and Biotechnology, Shanghai Jiao Tong University, Shanghai, China)
RNA interference in mature melanocortineric neurons protects from obesity
- 10:50-11:20 Coffee/Tea break

Session 6: Brain Health

Chair: François Tronche

- 11:20-11:40 **Theo Mantamadiotis** (The University of Melbourne, Australia)
Tissue remodeling and cell signaling underpin heterogeneity in the glioma tumor microenvironment
- 11:40-12:00 **Hai-Kun Liu** (German Cancer Research Center (DKFZ), Germany)
Next-generation human cancer modeling: Transforming cancer genetic heterogeneity into LEGO Blocks
- 12:00-12:20 **Andrii Domansky** (Orion Pharma Corporation, Turku, Finland)
Targeting pathological protein aggregation in neurodegeneration: dead end or a new hope?
- 12:20-12:40 **Grzegorz Kreiner** (Dept. Brain Biochemistry, Maj Institute of Pharmacology, Polish Academy of Sciences, Krakow, Poland)
From TIF-1A to the pursuit of prodromal Parkinson's disease model
- 12:40-13:00 **Valerio Orlando** (King Abdullah University of Science and Technology, Thuwal, Saudi Arabia)
The RNA Repeatome: from junk to Therapeutics
- 13:00-14:00 Lunch

Session 6: Industry and Society

Chair: Siegfried Ruppert

- 14:00-14:20 **Setsuko Hashimoto** (CellSeed Inc. Tokyo, Japan; via Zoom – 20:30 Tokyo time)
Bridging science to business
- 14:20-14:40 **Erich Greiner** (Cedrus Therapeutics, New York, USA)
Günther co-founding a biotech company
- 14:40-15:00 **Anton Bauer** (4everProtein - INiTs, Vienna, Austria)
Novel way to biological therapeutics
- 15:00-15:20 **Thomas Lemberger** (Scientific Publications, EMBO, Heidelberg, Germany)
From bench to website
- 15:20-15:40 **Andreas Reik** (Cell Therapy, Sangamo Therapeutics, Richmond, California, USA; via Zoom – 06:20 San Francisco time)
Allogeneic to immunotherapy
- 16:00 Concluding remarks
- 18:30 Friday beer and dinner at *Zum Roten Ochsen* (Heidelberg, Old Town)

Saturday, May 21, 2022

- 11:00-17:00 Boat ride to Neckarsteinach, then Biergarten and optional hike, return by boat