

## Program KFO 249 Symposium 7 – 8 May, 2012

### “Defects of the innate immune system in autoinflammation and autoimmunity”

#### Monday, May 7

7:00 – 8:00	Registration
8:00 – 8:15	Welcome by Angela Rösen-Wolff: “Autoinflammation and caspase-1”
8:15 – 8:45	Raphaela Goldbach-Mansky: “Monogenic autoinflammatory diseases: Their role in uncovering key inflammatory pathways”
8:45 – 9:15	Dirk Föll: „Alarmins as amplifiers of innate immune mechanisms”
9:15 – 9:45	Hans-Dietmar Beer: “Inflammasomes and caspase-1 in the skin”
9:45 – 10:15	Veit Hornung: "Intracellular DNA sensing pathways”
10:15 – 10:45	Coffee break
10:45 – 11:15	Stefan Bauer: “Control of endogenous retrovirus (ERV) and ERV-induced tumors by nucleic acid recognizing toll-like receptors”
11:15 – 11:45	Ulf Dittmer: “Distinct immunomodulatory effects of INFalpha subtypes during retroviral infection”
11:45 – 12:15	Otto Haller: “Dynamiting viruses with Mx”
12:15 – 13:30	Lunch break
13:30 – 14:00	Min Ae Lee-Kirsch: “Aicardi-Goutières syndrome (AGS): a model disease for systemic autoimmunity”
14:00 – 14:30	Fred Perrino: “Managing DNA polynucleotides to prevent autoimmune disease”
14:30 – 15:00	Tomas Lindahl: “Intracellular accumulation of single-stranded DNA fragments in Aicardi-Goutières syndrome”
15:00 – 15:30	Robert Crouch: "RNase H2 and AGS"
15:30 – 16:00	Coffee break
16:00 – 16:30	Andrew Jackson: “Determining the physiological and pathological roles of RNase H2”
16:30 – 17:00	Thomas Kunkel: “Incorporation, processing and consequences of ribonucleotides in the yeast nuclear genome”
17:00 – 17:30	Cristina Cardoso: “DNA replication and repair: a 4D matter”
17:30 – 18:00	Markus Landthaler: “High-throughput approaches to study the protein-mRNA interactome”
19:00	Reception and dinner at Lingner Castle

## Tuesday, May 8

- 8:30 – 9:00 Roland Kolbeck: “Immune complexes and type 1 interferons: Culprits in autoimmune diseases”
- 9:00 – 9:30 Marina Botto: “The role of complement in lupus - lessons from animal models”
- 9:30 – 10:00 Axel Roers: “RNase H2 and SAMHD1 deficiency in mammalian organisms”
- 10:00 – 10:30 Coffee break
- 10:30 – 11:00 Marco Prinz: "Type I IFN and the central nervous system"
- 11:00 – 11:30 Frank Rutsch: “SAMHD1, the new gene for Aicardi-Goutières syndrome”
- 11:30 – 12:00 Jan Rehwinkel: “Studying the functions of the AGS-gene SAMHD1 in a mouse model”
- 12:00 – 12:30 Ulrich Kalinke: "Interferons in anti-viral defense"
- 12:30 – 13:30 Lunch break
- 13:30 – 14:00 Nan Yan: “The role of TREX1 in innate immunity and antiviral response”
- 14:00 – 14:30 Matthias Wabl: "Lupus as a consequence of retroelement activity"
- 14:30 – 15:00 Yanick Crow: "Clinical trials in AGS - is it time?"
- 15:00 – 15:15 Closing remarks, end of symposium