

Program KFO 249 Symposium, 31 August – 1 September, 2017

Center for Regenerative Therapies Dresden, Fetscherstrasse 105, 01307 Dresden

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

Thursday, August 31

7:00 – 8:00	Registration
8:00 – 8:30	Angela Rösen-Wolff: Type I interferonopathies in animal models
8:30 – 9:00	Daniel Kastner: Old dogs, new tricks: Pyrin finally comes of age
9:00 – 9:30	Yenan Bryceson: SAMD9L: At the cross-roads of infection, inflammation, and cancer
9:30 – 10:00	Manfred Boehm: Extracellular purine metabolism in inflammation and vasculopathies: Insights from rare inherited diseases
10:00 – 10:30	Thomas Zillinger: Human STING polymorphisms affect cyclic dinucleotide sensing
10:30 – 11:00	Coffee break
11:00 – 11:30	Hiroki Kato: Chronic activation of RIG-I like receptors leads to autoimmune disorders
11:30 – 12:00	Martin Schlee: Immune recognition and tolerance of viral and endogenous RNA
12:00 – 12:30	Andrea Ablasser: Intracellular DNA sensing during infection and disease
12:30 – 13:00	Andrew Jackson: Linking genome instability to innate immunity
13:00 – 14:00	Snacks & refreshments
14:00 – 14:30	Harold Hoffman: Dissecting inflammatory pathways in CAPS
14:30 – 15:00	Andreas Pichlmair: Modulation of innate immune responses by viral ORFs
15:00 – 15:30	Stefan Bauer: Role of RNA modifications in immune tolerance
15:30 – 16:00	Jan Rehwinkel: Z-RNA: A new signal for innate immunity?
16:00 – 16:30	Coffee break
16:30 – 17:00	Dirk Föll: S100 proteins as biomarkers in autoinflammation
17:00 – 17:30	Scott Canna: IL-18 at the intersection of auto- and hyper-inflammation
17:30 – 18:00	Sigrun Hofmann: Influence of caspase-1 variants on proliferation, phagocytosis and cell death in monocytes/macrophages
18:00 – 18:30	Eicke Latz: NLRP3 function is regulated by posttranslational modifications
18:30 – 19:00	Mohamed Lamkanfi: Immune regulation of pyrin signaling in FMF
19:00	Lite bites & poster session

Friday, September 1

8:00 – 8:30	Registration
8:30 – 9:00	Anna Rubartelli: Stress induced by mutant NLRP3 in CAPS monocytes activates a mechanism of IL-1 β secretion involving Gasdermin D
9:00 – 9:30	Olaf Groß: Role of metabolism in NLRP3 inflammasome activation and anti-cancer effects of Imiquimod
9:30 – 10:00	Stefan Winkler: Enzymatically inactive caspase-1 mediates a proinflammatory phenotype in mice
10:00 – 10:30	Coffee break
10:30 – 11:00	Claudia Günther: Effect of environmental stressors on DNA damage and type I interferon induction in TREX1 deficient patients
11:00 – 11:30	Nan Yan: Immune disorders associated with TREX1 and STING mutations
11:30 – 12:00	Winfried Barchet: For DNA, it's OK, to put cuts and bruises on display
12:00 – 12:30	Axel Roers: What is the origin of the pathogenic cGAS ligand in Trex1 deficient cells?
12:30 – 13:30	Snacks & Refreshments
13:30 – 14:00	Raphaela Goldbach-Mansky: Updates on diagnosis and treatment of IFN-mediated autoinflammatory diseases
14:00 – 14:30	Bénédicte Neven: JAK inhibitors in SAVI and other interferonopathies
14:30 – 15:00	Min Ae Lee-Kirsch: Nucleic acid-induced autoinflammation and autoimmunity
15:00 – 15:15	Closing remarks, end of symposium