

Regulation of innate immunity in health and disease

 14:00

“Inflammatory Circuits in Innate Immune Memory”



Triantafyllos Chavakis

Director, Center for Laboratory Diagnostics & Institute for Clinical Chemistry and Laboratory Medicine, University Hospital & Faculty of Medicine, Technische Universität Dresden

Prof Chavakis is a physician scientist, board certified in Internal Medicine and Laboratory Medicine. From 2005-2010 he was tenure-track Principal Investigator and Head of the Inflammation Biology Section at the Experimental Immunology Branch, National Cancer Institute, NIH, USA. Since 2010 he is professor at the University Dresden. Since 2017 he is Director of the Institute of Clinical Chemistry and Laboratory Medicine, and since 2023 Director of the Center for Laboratory Diagnostics of the University Hospital Dresden. His research focuses on the study of mechanisms governing inflammation and innate immunity. He is a highly cited researcher (Clarivate, 2022, 2023, 2024), a member of the German National Academy of Sciences (since 2023) and a three times European Research Council (ERC) grantee.

Peter Murray is Professor and Head, Immunoregulation Research Group at the Max-Planck-Institute for Biochemistry in Martinsried, Germany where he moved in 2017 after 19 years at St. Jude Children’s Research Hospital in Memphis, Tennessee. He is also an Honorary Professor in the medical faculty at the Technical University of Munich.

Murray’s laboratory is focused on immune regulatory events mediated by metabolic crosstalk. He is best known for work on macrophages, IL-10 and arginine metabolism in immunity. Current research in his laboratory centers on how the immune system control ferroptosis and more specifically anti-ferroptosis through regulated amino acid metabolism. An extension of this work concerns pro-cancer effects of the immune system that suppress ferroptosis in stressed malignant cells and intersections with snake venom biology and blood-borne parasite biology. Further information can be found: <http://www.biochem.mpg.de/murray>.

 15:00

“Immunometabolic circuits that control cell viability”

Peter Murray

Max-Planck-Institute of Biochemistry, Martinsried, & Faculty of Medicine, Technical University of Munich



TUESDAY
13/05/2025

Costas Fotakis Room

Hosts Prof. Christos Tsatsanis
Prof. Panayotis Verginis



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