

# TWINCORE - Seminar

Thursday June 14<sup>th</sup>, 2018, 5 p.m.

TWINCORE Seminar room 0.02

## From plasma cells and human antibodies



### Hans-Martin Jäck, Ph.D. Professor of Immunology

He has solved the genetic mechanism of the Ig heavy chain class switch, isolated the first mammalian gene of the nonsense-mediated mRNA decay (NMD), and identified the first ligand for the pre-B cell receptor. His current research concentrates on transcriptional and epigenetic mechanisms that control the generation and maintenance of adaptive humoral memory. In addition, he develops therapeutic human antibodies against pathological plasma cells in a transgenic mouse that expresses the entire human antibody repertoire.

### Who is Hans-Martin Jäck?

- Professor and Head of the Division of Molecular Immunology, University of Erlangen since 1997
- 1990 - 1997 Professor at the Loyola University Chicago, USA and Assistant Lecturer since 1997
- 1988 - 1990 Postdoctoral fellow at the University of California, San Francisco, USA (Mentor M. Wabl)
- 1988 Dr. rer. nat. in Immunology at the University of Tübingen
- Since 2017 Speaker, EFIS-IL Research Study Group European B Cell Network
- Since 2013 Director DFG Integrated Doctoral Training Grant IRTG/TRR130
- 2013 - 2014 President of the German Society of Immunology
- Since 2010 Director, DFG Fast-Track Doctoral Training Grant GRK1660

Contact: Prof. Dr. Ulrich Kalinke, Phone +49 (0) 511 220027-113