Prof. Burkhard Kleuser, PhD

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“Sphingosine 1-phosphate and insulin signaling”

Venue: Hörsaalzentrum AKH, Level 8, Lecture room 29

Time: Friday, December 12, 2014, 12.00 pm

Host: Eva Untersmayr-Elsenhuber
Burkhard Kleuser studied Food Chemistry at the University Wuppertal followed by Biochemistry and Molecular Biology at the University Hamburg. After a PostDoc period at the Department of Pharmacology and Toxicology at the Institute of Pharmacy, Freie Universität Berlin, he was a fellow of the German Research Foundation (DFG) at the Medical Center of the Georgetown University (Washington, D.C., USA) in the lab of Prof. Sarah Spiegel. In 2002 he habilitated in Pharmacology and Toxicology at the Freie Universität Berlin. Since 2009 he is Chair of Toxicology, since 2013 he is also Director of the Institute of Nutritional Science, Universität Potsdam. From 2006 to 2014 he was vice speaker of the DFG Priority Program 1267 Sphingolipids: Signals and Disease. Since 2014 he is vice speaker of the German Research Foundation (DFG) Collaborative centre SFB1112 (Nanocarriers: Architecture, transport and target-orientated Application of Pharmaceuticals) as well as of the Berlin-Brandenburg research platform BB3R founded by the Federal Ministry of Education and Research.

Selected recent publications (5 out of 13 in 2014)

- Pewzner-Jung Y et al. Sphingoid long chain bases prevent lung infection by pseudomonas aeruginosa. EMBO Mol Med (2014)
- Fayyaz S et al. Involvement of sphingosine 1-phosphate in palmitate-induced insulin resistance of hepatocytes via the s1p2 receptor subtype. Diabetologia (2014)