



TRR 83 Transregional Collaborative Research Centre 83
 Heidelberg - Bonn – Dresden
 Molecular Architecture and Cellular Functions of
 Lipid/Protein Assemblies

TRR 83 Summer School Heidelberg 2016

Wednesday, September 28, 2016		
9:00 – 9:05 a.m.	SR 25 BZH INF 328	Welcome Thomas Söllner
9:05 – 9:30 a.m.	SR 25 BZH INF 328	Investigating plasmalemmal structures by superresolution microscopy - potentials and limits Pascal Weber, Lang group
9:30 – 9:55 a.m.	SR 25 BZH INF 328	Electron microscopy of membrane lipids Christian Lamberz, Al-Amoudi/ Kürschner group
9:55 – 10:20 a.m.	SR 25 BZH INF 328	Accurate quantification of polyunsaturated glycerophospholipids by bottom-up shotgun lipidomics Kai Schuhmann, Shevchenko group
10:20 – 10:55 a.m.	SR 25 BZH INF 328	Membrane microdomain interactions of the HIV-1 pathogenicity factor Nef Rebecka Wombacher, Fackler group
10:55 – 11:30 a.m.	Foyer BZH INF 328	Coffee break
11:30 – 11:55 a.m.	SR 25 BZH INF 328	Phospholipase D activity couples plasma membrane endocytosis with retromer dependent recycling Rajan Thakur, Padinjat group
11:55 – 12:20 p.m.	SR 25 BZH INF 328	Artificial Lipid Droplets to study the function of LD proteins Alexander Buck, Thiele group
12:20 – 12:55 p.m.	SR 25 BZH INF 328	Spatiotemporal control of lipid modifying enzymes, F-actin-based forces and proteins sensing membrane curvature during Cathrin/AP-1 coated vesicle biogenesis Michaela Anitej, Hoflack group
12:55 – 2:00 p.m.	Zentralmensa INF 304	Lunch
1:55 p.m.	SR 25 BZH INF 328	Meeting point for facility tour
2:00 – 4:30 p.m.	BZH	Facility tour: Metabolomics, Nikon Imaging Center, Crystallography, Lipidomics – limited to 10 attendands