

Journalbeiträge

1. Agrawal T, Schu P, Medigeschi GR (2013) Adaptor protein complexes-1 and 3 are involved at distinct stages of flavivirus life-cycle. *SCI REP-UK*, 3: 1813.
2. Bareth B, Dennerlein S, Mick DU, Nikolov M, Urlaub H, Rehling P (2013) The heme a synthase Cox15 associates with cytochrome c oxidase assembly intermediates during Cox1 maturation. *MOL CELL BIOL*, 33(20): 4128-37.
3. Busse RA, Scacioc A, Hernandez JM, Krick R, Stephan M, Janshoff A, Thumm M, Kühnel K (2013) Qualitative and quantitative characterization of protein-phosphoinositide interactions with liposome-based methods. *AUTOPHAGY*, 9(5): 770-7.
4. Deckers M, Bareth B, Rehling P (2013) Mitochondriale Logistik: Assemblierung der Cytochrom-c-Oxidase. *Biospektrum*, 04.13: 366-369.
5. Dihazi H, Bohrer R, Jahn O, Lenz C, Majcherczyk A, Schmidt B, Urlaub H, Valerius O, Asif AR (2013) Mass spectrometry imaging: linking molecule profiles to tissue spatial distribution. *EXPERT REV PROTEOMIC*, 10(1): 17-20.
6. Dudek J, Cheng IF, Balleininger M, Vaz FM, Streckfuss-Bömeke K, Hübscher D, Vukotic M, Wanders RJA, Rehling P, Guan K (2013) Cardiolipin deficiency affects respiratory chain function and organization in an induced pluripotent stem cell model of Barth syndrome. *STEM CELL RES*, 11(2): 806-19.
7. Dudek J, Rehling P, van der Laan M (2013) Mitochondrial protein import: common principles and physiological networks. *Bichim Biophys Acta*, 1833(2): 274-85.
8. Ennemann EC, Radhakrishnan K, Mariappan M, Wachs M, Pringle TH, Schmidt B, Dierks T (2013) Proprotein convertases process and thereby inactivate formylglycine-generating enzyme. *J BIOL CHEM*, 288(8): 5828-39.
9. Jans DC, Wurm CA, Riedel D, Wenzel D, Stagge F, Deckers M, Rehling P, Jakobs S (2013) STED super-resolution microscopy reveals an array of MINOS clusters along human mitochondria. *P NATL ACAD SCI USA*, 110(22): 8936-41.
10. Lytovchenko O, Melin J, Schulz C, Kilisch M, Hutu DP, Rehling P (2013) Signal recognition initiates reorganization of the presequence translocase during protein import. *EMBO J*, 32(6): 886-98.
11. Meinecke M, Boucrot E, Camdere G, Hon WC, Mittal R, McMahon HT (2013) Cooperative recruitment of dynamin and BIN/amphiphysin/Rvs (BAR) domain-containing proteins leads to GTP-dependent membrane scission. *J BIOL CHEM*, 288(9): 6651-61.
12. Poirier S, Mayer G, Murphy SR, Garver WS, Chang TY, Schu P, Seidah NG (2013) The cytosolic adaptor AP-1A is essential for the trafficking and function of Niemann-Pick type C proteins. *TRAFFIC*, 14(4): 458-69.
13. Radhakrishnan K, Baltes J, Creemers JWM, Schu P (2013) Trans-Golgi network morphology and sorting is regulated by prolyl-oligopeptidase-like protein PREPL and the AP-1 complex subunit  $\mu$ 1A. *J CELL SCI*, 126(Pt 5): 1155-63.
14. Santos AJM, Meinecke M, Fessler MB, Holden DW, Boucrot E (2013) Preferential invasion of mitotic cells by Salmonella reveals that cell surface cholesterol is maximal during metaphase. *J CELL SCI*, 126(Pt 14): 2990-6.
15. Schlotawa L, Radhakrishnan K, Baumgartner M, Schmid R, Schmidt B, Dierks T, Gärtner J (2013) Rapid degradation of an active formylglycine generating enzyme variant leads to a late infantile severe form of multiple sulfatase deficiency. *EUR J HUM GENET*, 21(9): 1020-3.
16. Thumm M, Busse RA, Scacioc A, Stephan M, Janshoff A, Kühnel K, Krick R (2013) It takes two to tango: PROPPINs use two phosphoinositide-binding sites. *AUTOPHAGY*, 9(1): 106-7.
17. Welter E, Montino M, Reinhold R, Schlotterhose P, Krick R, Dudek J, Rehling P, Thumm M (2013) Uth1 is a mitochondrial inner membrane protein dispensable for post-log-phase and rapamycin-induced mitophagy. *FEBS J*, 280(20): 4970-82.
18. Wieffer M, Cibrián Uhalte E, Posor Y, Otten C, Branz K, Schütz I, Mössinger J, Schu P, Abdelilah-Seyfried S, Krauß M, Haucke V (2013) PI4K2 $\beta$ /AP-1-based TGN-endosomal sorting regulates Wnt signaling. *CURR BIOL*, 23(21): 2185-90.
19. Xu X, Tan X, Lin Q, Schmidt B, Engel W, Pantakani DVK (2013) Mouse Dazl and its novel splice variant functions in translational repression of target mRNAs in embryonic stem cells. *Bichim Biophys Acta*, 1829(5): 425-35.

**Naturwiss. u.a. nichtmed. Diss.**

1. Alam M, Dr. rer. nat. (2013) Conformational changes in formylglycine-generating enzyme during the catalytic cycle: Role of reducing agent and calcium. Dissertation Universität Göttingen.
2. Schulz C, Dr. rer. nat. (2013) Protein interactions along the presequence import pathway. Dissertation Universität Göttingen.