

### Journalbeiträge

1. Baltes J, Larsen JV, Radhakrishnan K, Geumann C, Kratzke M, Petersen CM, Schu P (2014)  $\sigma$ 1B adaptin regulates adipogenesis by mediating the sorting of sortilin in adipose tissue. *J CELL SCI* 127(Pt 16): 3477-87, doi: 10.1242/jcs.146886
2. Deckers M, Balleininger M, Vukotic M, Römpler K, Bareth B, Juris L, Dudek J (2014) Aim24 stabilizes respiratory chain supercomplexes and is required for efficient respiration. *FEBS LETT* 588(17): 2985-92, doi: 10.1016/j.febslet.2014.06.006
3. Gariano G, Guarienti M, Bresciani R, Borsani G, Carola G, Monti E, Giuliani R, Rezzani R, Bonomini F, Preti A, Schu P, Zizioli D (2014) Analysis of three  $\mu$ 1-AP1 subunits during zebrafish development. *DEV DYNAM* 243(2): 299-314, doi: 10.1002/dvdy.24071
4. Gleisner M, Mey I, Barbot M, Dreker C, Meinecke M, Steinem C (2014) Driving a planar model system into the 3(rd) dimension: generation and control of curved pore-spanning membrane arrays. *SOFT MATTER* 10(33): 6228-36, doi: 10.1039/c4sm00702f
5. Gornicka A, Bragoszewski P, Chroscicki P, Wenz LS, Schulz C, Rehling P, Chacinska A (2014) A discrete pathway for the transfer of intermembrane space proteins across the outer membrane of mitochondria. *MOL BIOL CELL* 25(25): 3999-4009, doi: 10.1091/mbc.E14-06-1155
6. Kratzke M, Candiello E, Schmidt B, Jahn O, Schu P (2014) AP-1/ $\sigma$ 1B-Dependent SV Protein Recycling Is Regulated in Early Endosomes and Is Coupled to AP-2 Endocytosis. *MOL NEUROBIOL* DOI 10.1007/s12035, doi: 10.1007/s12035-014-8852-0
7. Lytovchenko O, Naumenko N, Oeljeklaus S, Schmidt B, von der Malsburg K, Deckers M, Warscheid B, van der Laan M, Rehling P (2014) The INA complex facilitates assembly of the peripheral stalk of the mitochondrial F1Fo-ATP synthase. *EMBO J* 33(15): 1624-38, doi: 10.15252/embj.201488076
8. Melin J, Schulz C, Wrobel L, Bernhard O, Chacinska A, Jahn O, Schmidt B, Rehling P (2014) Presequence recognition by the tom40 channel contributes to precursor translocation into the mitochondrial matrix. *MOL CELL BIOL* 34(18): 3473-85, doi: 10.1128/MCB.00433-14
9. Pfanner N, van der Laan M, Amati P, Capaldi RA, Caudy AA, Chacinska A, Darshi M, Deckers M, Hoppins S, Icho T, Jakobs S, Ji J, Kozjak-Pavlovic V, Meisinger C, Odgren PR, Park SK, Rehling P, Reichert AS, Sheikh MS, Taylor SS, Tsuchida N, van der Blik AM, van der Klei IJ, Weissman JS, Westermann B, Zha J, Neupert W, Nunnari J (2014) Uniform nomenclature for the mitochondrial contact site and cristae organizing system. *J CELL BIOL* 204(7): 1083-6, doi: 10.1083/jcb.201401006
10. Raimundo N (2014) Mitochondrial pathology: stress signals from the energy factory. *TRENDS MOL MED* 20(5): 282-92, doi: 10.1016/j.molmed.2014.01.005
11. Schulz C, Rehling P (2014) Cell biology. Powering the cell cycle. *SCIENCE* 346(6213): 1059-60, doi: 10.1126/science.aaa2313
12. Schulz C, Rehling P (2014) Remodelling of the active presequence translocase drives motor-dependent mitochondrial protein translocation. *NAT COMMUN* 5: 4349, doi: 10.1038/ncomms5349

### Medizinische Dissertationen

1. Mühlhausen MH, Dr. med. (2014) Untersuchungen zur molekularen Ursache der Multiplen Sulfatase-Defizienz: Reinigung, Funktions- und Strukturanalyse von varianten Proteinen des Formylglycin-generierenden Enzyms. Dissertation Universität Göttingen.

### Naturwiss. u.a. nichtmed. Diss.

1. Juris L, Dr. rer. nat. (2014) Atg21 functions during autophagy as a scaffold for the E3 ubiquitin-like complex in Atg8 lipidation. Dissertation Arbeitsberichte des Instituts für Wirtschaftsinformatik der Universität Göttingen.
2. Melin J, Dr. rer. nat. (2014) Import of Presequence-Containing Precursor Proteins into Mitochondria. Dissertation Universität Göttingen.

### Masterarbeiten

1. Müller T, MSc (2014) Targeted biotinylation of mitochondrial proteins for the identification of transient interactions. Masterarbeit Universität Göttingen.

2. Naumenko N, MSc (2014) Characterization of Ina17, a novel F1F0 ATP synthase assembly factor. Masterarbeit Universität Göttingen.
3. Schendzielorz A, MSc (2014) Characterization of the presequence binding capacity of Tim44. Masterarbeit Universität Göttingen.