

Schwappach, Blanche

General Information

Name: Schwappach, Blanche
Academic title: Prof. Dr. rer. nat.

Gender: Female
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Current position/status: Professor (W3)



Academic Education and Qualifications

1987-1992 Diploma in Biology (Biophysics, Biochemistry), Universität Konstanz
1993-1996 Dr. rer. nat. in Biology, ZMNH, Universität Hamburg
2000-2004 Habilitation: Cell Biology and Molecular Biology, ZMBH, Universität Heidelberg

Professional Career

1997-2000 Postdoctoral fellow, University of California San Francisco, USA
2000-2007 Independent Research group leader, ZMBH, Universität Heidelberg
2007-2010 Wellcome Trust Senior Research Fellow in Basic Biomedical Science, Faculty of Life Sciences, University of Manchester, UK
since 2010 Full Professor (W3) of Biochemistry, Head of the Dept. of Molecular Biology
Universitätsmedizin, Universität Göttingen

Professional Awards

2010 Associated research group at the MPI for Biophysical Chemistry, Göttingen
2007-2010 Wellcome Trust Senior Research Fellowship in Basic Biomedical Science
2003 EMBO Young Investigator Award

Publications (5 most important publications)

1. Braun NA, Morgan B, Dick TP, **Schwappach B (2010)**
The yeast CLC protein counteracts vesicular acidification during iron starvation
J Cell Sci 123, 2342-2350
2. Michelsen K, Schmid V, Metz J, Heusser K, Liebel U, Schwede T, Spang A, **Schwappach B (2007)**
Novel cargo-binding site in the beta and delta subunits of coatamer
J Cell Biol 179, 209-217

3. Powis K, Schrul B, Tienson H, Gostimskaya I, Breker M, High S, Schuldiner S, Jakob U, **Schwappach B (2013)**
Get3 is a holdase chaperone and moves to deposition sites for aggregated proteins when membrane targeting is blocked
J Cell Sci 126, 473-483
4. Schuldiner M, Metz J, Schmid V, Denic V, Rakwalska M, Schmitt HD, **Schwappach B***, Weissman JS* (2008)
*co-corresponding
The GET complex mediates insertion of tail-anchored proteins into the ER
Cell 134, 635-645
5. Zerangue N *, **Schwappach B***, Jan YN, Jan LY (1999) *these authors contributed equally
A new ER trafficking signal regulates the subunit stoichiometry of plasma membrane K_{ATP} channels
Neuron 22, 537-548