

List of Publications by Matthias Seedorf

Jüschke, C., Wächter, A., Schwappach, B., and **M. Seedorf** (2005). SEC18/NSF-independent, protein-sorting pathway from the yeast cortical ER to the plasma membrane. *J Cell Biol* 169, 613-622.

Windgassen, M., Strum, D., Cajigas, I.J., Gonzales, C.I., **Seedorf, M.**, Bastians, H. and H. Krebber (2004). Yeast shuttling SR-proteins Npl3p, Gbp2p and Hrp1p are part of the translating mRNPs, and Npl3p can function as a translational repressor. *Mol Cell Biol* 24, 10479 – 10491.

Baum, S., Bittins, M., Frey, S and **M. Seedorf** (2004). Asc1, a WD40-domain containing adaptor protein, is required for the interaction of the RNA-binding protein Scp160p with polysomes. *Biochem J.* , 380, 823 - 830.

Jüschke, C., Ferring, D., Jansen, R. -P. and **M. Seedorf** (2004). A novel transport pathway for a yeast plasma membrane protein encoded by a localized mRNA. *Current Biology* 14, 406 – 411.

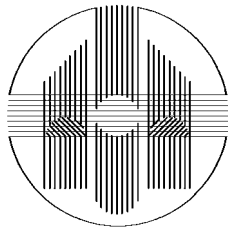
Frey, S., Pool, M. and **M. Seedorf** (2001). Scp160p, an RNA-binding, polysome-associated protein localizes to the endoplasmic reticulum of *Saccharomyces cerevisiae* in a microtubule-dependent manner. *J Biol Chem* 276, 15905-15912.

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Corbett, A., Ferrigno, P., Henry, M., Kahana, J., Koepp, D., Lee, M., Nguyen, L., Schlenstedt, G., **Seedorf, M.**, Shen, E., Taura, T., Wong, D. and P.A. Silver (1996). Genetic analysis of macromolecular transport across the nuclear envelope. *Exp Cell Res* 229, 212-6.



Soll, J. and **M. Seedorf** (1995) In Mathis, P. (eds.), *Photosynthesis: from Light to Biosphere*. Kluwer Academic Publishers, Vol. 3, pp. 725-730.

Roehl, T., Caliebe, A., **Seedorf, M.** and Soll, J. (1995) Characterization of Four cDNAs Encoding Small GTP-Binding Proteins from Pea. *Plant Physiol.* 109: 1125.

Seedorf, M., and J. Soll (1995). Copper chloride, an inhibitor of protein import into chloroplasts. *Febs Lett* 367:19-22.

Seedorf, M., Waegemann, K. and J. Soll (1995). A constituent of the chloroplast import complex represents a new type of GTP-binding protein. *Plant J* 7:401-11.

Bartling, D., **Seedorf, M.**, Schmidt, R. C. and E.W. Weiler (1994). Molecular characterization of two cloned nitrilases from *Arabidopsis thaliana*: key enzymes in biosynthesis of the plant hormone indole-3- acetic acid. *Proc Natl Acad Sci U S A* 91, 6021-5.

Bartling, D., **Seedorf, M.**, Mithofer, A. and E.W. Weiler (1992). Cloning and expression of an *Arabidopsis* nitrilase which can convert indole-3-acetonitrile to the plant hormone, indole-3-acetic acid. *Eur J Biochem* 205, 417-24.