

Curriculum Vitae

Name: David TEIS
Date of birth: 6th January 1975, Graz/Austria
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Professional Experience

Since 2013: Group Leader / Associate Professor; Division of Cell Biology, Biocenter, Innsbruck Medical University.
25th Oct. 2012: Venia legendi in Cell Biology
2009-2012: Group Leader / Assistant Professor; Division of Cell Biology, Biocenter, Innsbruck Medical University.
2006 – 2009: Postdoctoral Fellow with Prof. Scott D. Emr; WICMB/Cornell University and CMM/UCSD, USA.
2003 – 2005: Research Assistant; Department of Cell Biology, Innsbruck Medical University.

Education

22nd Nov. 2002: Graduation to PhD in Genetics, *with honors*
1999 – 2002: PhD at the Research Institute of Molecular Pathology, IMP, Vienna; Supervisor Prof. Lukas A. Huber
7th Jul. 1999: Graduation to MSc. In Microbiology, *with honors*
1993 – 1999: Studies of Microbiology, University of Graz, Austria

Funding & Awards:

Oct. 2011 – Oct. 2014: Faculty Molecular Cell Biology and Oncology (MCBO) PhD Program
Jan. 2011 – Dec. 2013: SFB021 full member
Mar. 2011 – Feb. 2013: HFSP Career Development Award
Dec. 2009 – Dec. 2015: START-Prize of the FWF
2009: Young Investigator SFB021

Fellowships

2007 – 2009: HFSP long-term fellowship
2006: EMBO long-term fellowship
1999 – 2002: International PhD program at the IMP, Vienna, Austria

Invited Lectures > 10

Publication list

<http://scholar.google.de/citations?hl=de&user=FeU8YBsAAAAJ>

1. Müller, M.*, Schmidt, O*, Angelova, M., Brunner, M., Faserl K., Bindreither, D., Rainer, J., Kremser, K., Pfaffenwimmer, T., Kraft C., Trajanoski, Z., Lindner, H. and **Teis, D.** The multivesicular body pathway regulate cellular amino acid homeostasis required for cell growth and survival during starvation. *manuscript submitted*. *equal contribution.
2. Schiefermeier, N.*, Scheffler, J.M.*, Araujo, M.E.G., Stasyk, T., Yordanov, T., Ebner, H., Offterdinger, M., Munck, S., Hess, M.W., Wickström, S.A., Lange, A., Wunderlich, W., Fässler, R., **Teis, D.** and Huber L.A. (2014). The late endosomal p14/MP1 (LAMTOR2/3) complex regulates focal adhesion dynamics during cell migration. *J Cell Biol*. Accepted for publication. *equal contribution. *IF: 10.822*
3. Adell, M.A., Vogel, G.F., Pakdel, M., Muller, M., Lindner, H., Hess, M.W., and **Teis, D.** (2014). Coordinated binding of Vps4 to ESCRT-III drives membrane neck constriction during MVB vesicle formation. *J Cell Biol*. *IF: 10.822*
4. Mattissek, C., and **Teis, D.** (2014). The role of the endosomal sorting complexes required for transport (ESCRT) in tumorigenesis. *Mol Membr Biol*. *IF: 3.130*
5. Mueller, M., Adell, M.A., and **Teis, D.** (2012). Membrane Abcission: First Glimpse at Dynamic ESCRTs. *Current Biology*, 22, 603-605. *IF: 9.647*
6. Schmidt, O., and **Teis, D.** (2012). The ESCRT machinery. *Current Biology*, 22, 116-120. *IF: 9.647*
7. Shi, Y., Stefan, C.J., Rue, S.M., **Teis, D.**, and Emr, S.D. (2011). Two novel WD40 domain-containing proteins, Ere1 and Ere2, function in the retromer-mediated endosomal recycling pathway. *Mol Biol Cell* 22, 4093-4107. *IF: 4.942*
8. Adell, M.A., and **Teis, D.** (2011). Assembly and disassembly of the ESCRT-III membrane scission complex. *FEBS Lett* 585, 3191-3196. *IF: 3.538*
9. Schiefermeier, N., **Teis, D.**, and Huber, L.A. (2011). Endosomal signaling and cell migration. *Curr Opin Cell Biol* 23, 615-620. *IF: 12.897*
10. **Teis, D.**,* Saksena, S., Judson, B.L., and Emr, S.D.* (2010). ESCRT-II coordinates the assembly of ESCRT-III filaments for cargo sorting and multivesicular body vesicle formation. *EMBO J* 29, 871-883. ***corresponding author**. *IF: 9.205*
11. Morandell, S., Grosstessner-Hain, K., Roitinger, E., Hudecz, O., Lindhorst, T., **Teis, D.**, Wrulich, O.A., Mazanek, M., Taus, T., Ueberall, F., *et al.* (2010). QIKS-- Quantitative identification of kinase substrates. *Proteomics* 10, 2015-2025. *IF: 4.505*
12. **Teis, D.**, Saksena, S., and Emr, S.D. (2009). SnapShot: the ESCRT machinery. *Cell* 137, 182-182 e181. *IF: 32.403*

13. Saksena, S., Wahlman, J., **Teis, D.**, Johnson, A.E., and Emr, S.D. (2009). Functional reconstitution of ESCRT-III assembly and disassembly. *Cell* **136**, 97-109. *IF: 32.403*
14. **Teis, D.**, Saksena, S., and Emr, S.D.* (2008). Ordered assembly of the ESCRT-III complex on endosomes is required to sequester cargo during MVB formation. *Dev Cell* **15**, 578-589. *IF: 14.030*
15. Botelho, R.J., Efe, J.A., **Teis, D.**, and Emr, S.D. (2008). Assembly of a Fab1 phosphoinositide kinase signaling complex requires the Fig4 phosphoinositide phosphatase. *Mol Biol Cell* **19**, 4273-4286. *IF: 4.942*
16. Taub, N., **Teis, D.**, Ebner, H.L., Hess, M.W., and Huber, L.A. (2007). Late endosomal traffic of the epidermal growth factor receptor ensures spatial and temporal fidelity of mitogen-activated protein kinase signaling. *Mol Biol Cell* **18**, 4698-4710. *IF: 4.942*
17. Bohn, G., Allroth, A., Brandes, G., Thiel, J., Glocker, E., Schaffer, A.A., Rathinam, C., Taub, N., **Teis, D.**, Zeidler, C., *et al.* (2007). A novel human primary immunodeficiency syndrome caused by deficiency of the endosomal adaptor protein p14. *Nat Med* **13**, 38-45. *IF: 22.462*
18. **Teis, D.***, Taub, N.*, Kurzbauer, R., Hilber, D., de Araujo, M.E., Erlacher, M., Offterdinger, M., Villunger, A., Geley, S., Bohn, G., *et al.* (2006). p14-MP1-MEK1 signaling regulates endosomal traffic and cellular proliferation during tissue homeostasis. *J Cell Biol* **175**, 861-868.*equal contribution. *IF: 10.264*
19. Hess, M.W., Pfaller, K., Hampolz, B., Longato, S., **Teis, D.**, Florl, A., Gutleben, K., and Huber, L.A. (2006). Microscopy of the Drosophila facet eye: vademecum for standardized fixation, embedding, and sectioning. *Microsc Res Tech* **69**, 93-98. *IF: 1.792*
20. Feuerstein, I., Morandell, S., Stecher, G., Huck, C.W., Stasyk, T., Huang, H.L., **Teis, D.**, Huber, L.A., and Bonn, G.K. (2005). Phosphoproteomic analysis using immobilized metal ion affinity chromatography on the basis of cellulose powder. *Proteomics* **5**, 46-54. *IF: 4.505*
21. Hampel, B., Wagner, M., **Teis, D.**, Zwerschke, W., Huber, L.A., and Jansen-Durr, P. (2005). Apoptosis resistance of senescent human fibroblasts is correlated with the absence of nuclear IGFBP-3. *Aging Cell* **4**, 325-330. *IF: 6.265*
22. Kurzbauer, R.*, **Teis, D.***, de Araujo, M.E., Maurer-Stroh, S., Eisenhaber, F., Bourenkov, G.P., Bartunik, H.D., Hekman, M., Rapp, U.R., Huber, L.A., *et al.* (2004). Crystal structure of the p14/MP1 scaffolding complex: how a twin couple attaches mitogen-activated protein kinase signaling to late endosomes. *Proc Natl Acad Sci U S A* **101**, 10984-10989.*equal contribution. *IF: 9.681*
23. **Teis, D.**, and Huber, L.A. (2003). The odd couple: signal transduction and endocytosis. *Cell Mol Life Sci* **60**, 2020-2033. *IF: 6.570*
24. **Teis, D.**, Wunderlich, W., and Huber, L.A. (2002). Localization of the MP1-MAPK scaffold complex to endosomes is mediated by p14 and required for signal transduction. *Dev Cell* **3**, 803-814. *IF: 14.030*

25. Keleman, K., Rajagopalan, S., Cleppien, D., **Teis, D.**, Paiha, K., Huber, L.A., Technau, G.M., and Dickson, B.J. (2002). Comm sorts robo to control axon guidance at the Drosophila midline. *Cell* *110*, 415-427. *IF: 32.403*
26. Zakalskiy, A., Hogenauer, G., Ishikawa, T., Wehrschutz-Sigl, E., Wendler, F., **Teis, D.**, Zisser, G., Steven, A.C., and Bergler, H. (2002). Structural and enzymatic properties of the AAA protein Drg1p from *Saccharomyces cerevisiae*. Decoupling of intracellular function from ATPase activity and hexamerization. *J Biol Chem* *277*, 26788-26795. *IF: 4.773*
27. Wunderlich, W., Fialka, I., **Teis, D.**, Alpi, A., Pfeifer, A., Parton, R.G., Lottspeich, F., and Huber, L.A. (2001). A novel 14-kilodalton protein interacts with the mitogen-activated protein kinase scaffold mp1 on a late endosomal/lysosomal compartment. *J Cell Biol* *152*, 765-776. *IF: 10.264*