

Martin Schauflinger

Senior Research Specialist

Electron Microscopy Core Facility

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Education

2012 PhD in Human Biology, University Medical Center Ulm, Germany

2008 Diplom in Biology, Ulm University, Germany

Research Experience

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|---------------------|---|
| Jul 2015 – present | Senior Research Specialist, Electron Microscopy Core Facility, University of Missouri, Columbia |
| Jul 2015 | UMB Cryo-ultramicrotomy Minicourse, Electron Microscopy Core Imaging Facility, University of Maryland Baltimore |
| Jul 2014 – Jun 2015 | Research Specialist, Electron Microscopy Core Facility, University of Missouri, Columbia |
| Jan 2013 – Jul 2014 | Postdoctoral Researcher, Dept. of Cell Biology, UT Southwestern Medical Center, Dallas |
| Jul 2008 - Dec 2012 | Research Assistant, Institute of Virology, University Medical Center Ulm, Germany |
| Jul 2008 - Jun 2012 | PhD Student, Central Electron Microscopy Facility, Ulm University, Germany |

- Sep 2007 Advanced Practical Course ‘Immunolabeling on resin- and cryo-sections’, Max Planck Institute for Developmental Biology, Tübingen, Germany
- May 2007 - Jun 2008 Undergraduate (Life Sciences), Ulm University, Germany

Peer Reviewed Publications

- 1) **Schauflinger**, M., Villinger, C., Mertens, T., Walther, P., and von Einem, J. (2013). Analysis of human cytomegalovirus secondary envelopment by advanced electron microscopy: HCMV morphogenesis. *Cell. Microbiol.* *15*, 305–314.
- 2) Wang, D., Li, G., **Schauflinger**, M., Nguyen, C.C., Hall, E.D., Yurochko, A.D., von Einem, J., and Kamil, J.P. (2013). The ULb’ Region of the Human Cytomegalovirus Genome Confers an Increased Requirement for the Viral Protein Kinase UL97. *J. Virol.* *87*, 6359–6376.
- 3) Pogoda, M., Bosse, J.B., Wagner, F.M., **Schauflinger**, M., Walther, P., Koszinowski, U.H., and Ruzsics, Z. (2012). Characterization of Conserved Region 2-Deficient Mutants of the Cytomegalovirus Egress Protein pM53. *J. Virol.* *86*, 12512–12524.
- 4) Meissner, C.S., Suffner, S., **Schauflinger**, M., von Einem, J., and Bogner, E. (2012). A Leucine Zipper Motif of a Tegument Protein Triggers Final Envelopment of Human Cytomegalovirus. *J. Virol.* *86*, 3370–3382.
- 5) **Schauflinger**, M., Fischer, D., Schreiber, A., Chevillotte, M., Walther, P., Mertens, T., and von Einem, J. (2011). The Tegument Protein UL71 of Human Cytomegalovirus Is Involved in Late Envelopment and Affects Multivesicular Bodies. *J. Virol.* *85*, 3821–3832.

Book Chapters

- 1) Villinger, C., **Schauflinger**, M., Gregorius, H., Kranz, C., Höhn, K., Nafeey, S., and Walther, P. (2014). Three-Dimensional Imaging of Adherent Cells using FIB/SEM and STEM. In *Electron Microscopy*, (Springer), pp. 617–638.
- 2) **Schauflinger**, M., Villinger, C., and Walther, P. (2013). Three-Dimensional Visualization of Virus-Infected Cells by Serial Sectioning: An Electron Microscopic Study Using Resin Embedded Cells. In *Virus-Host Interactions*, (Springer), pp. 227–237.