

Surname	First Name	Date of birth	Nationality
Hauck	Stefanie	30.05.1965	German



Present Position and Title: Research Scientist, Dr. rer. nat.
Department: Department of Protein Science
Institution: Helmholtz Zentrum München

Previous Profession and Schools

1981 – 1983	Training for Lab Technician
1983 – 1988	Lab Engineer at University Munich, Institute of Physiology
1988 – 1991	München Kolleg, final exam: baccalaureate

Academic Education

Year:	degree:	University:	field of study:
1992 – 1995	bachelor	University of Regensburg	biology
1995 – 1999	master	Ludwig-Maximilians University Munich	cell biology, biochemistry
2002 – 2005	Dr. rer. nat.	Institute of Human Genetics	neurobiology

Professional Experience

2000 – 2002	Research Associate	KKG Ophthalmology, University Munich
2005 – 2006	Research Scientist	Institute of Human Genetics, University Munich
since 2006	Research Scientist (staff)	Helmholtz Zentrum München, Department of Protein Science

Publications, Original and peer-reviewed

1. Johanna Zipplies, **Stefanie M. Hauck**, Stephanie Schoeffmann, Barbara Amann, Manfred Stangassinger, Marius Ueffing and Cornelia A. Deeg "Serum PEDF levels are decreased in a spontaneous animal model for human autoimmune uveitis" J Prot Res, *in revision*
2. **Stefanie M. Hauck**, Christian J. Gloeckner, Margaret E. Harley, Stephanie Schoeffmann, Karsten Boldt, Per A.R. Ekström and M. Ueffing "Identification of paracrine neuroprotective candidate proteins by a functional assay-driven proteomics approach", Mol Cell Proteomics. 2008 Jul;7(7):1349-61
3. Cornelia A. Deeg, **Stefanie M. Hauck**, Barbara Amann, Dirk Pompetzki, Frank Altmann, Albert Raith, Thomas Schmalzl, Manfred Stangassinger and Marius Ueffing "Equine recurrent Uveitis - a spontaneous horse model of uveitis" Ophthalmic Res. 2008;40(3-4):151-3
4. Barbara K. Braus, **Stefanie M. Hauck**, Barbara Amann, Christine Heinrich, Jens Fritsche, Roberto Köstlin and Cornelia A. Deeg "Neuron-specific enolase antibodies in patients with sudden acquired retinal degeneration syndrome" Vet Immunol Immunopathol. 2008 Jul 15;124(1-2):177-83

5. Cornelia A. Deeg, Alberth J. Raith, Barbara Amann, John W. Crabb, Stephan R. Thureau, **Stefanie M. Hauck**, Marius Ueffing, Gerhild Wildner and Manfred Stangassinger "CRALBP is a highly prevalent autoantigen for human autoimmune uveitis" Clin Dev Immunol, 2007:39245
6. Christina Buse, Frank Altmann, Barbara Amann, **Stefanie M. Hauck**, Poulsen Nautrup C, Marius Ueffing, Manfred Stangassinger and Cornelia A. Deeg "Discovering novel targets for autoantibodies in dilated cardiomyopathy" Electrophoresis. 2008 Mar;29(6):1325-32.
7. Francois Paquet-Durand, Jose Silva, Leif E. Johnson, Tanuja Talukdar, Seifollah Azadi, Theo van Veen, Marius Ueffing, **Stefanie M Hauck** and Per A.R. Ekström "Excessive activation of poly (ADP-ribose) polymerase (PARP) contributes to rd1 photoreceptor degeneration", J Neurosci, 2007 Sep 19;27(38):10311-9
8. Magdalena Swiatek-De Lange, Andreas Stampfl, **Stefanie M Hauck**, Hans Zischka, Christian J Gloeckner, Cornelia A Deeg, Marius Ueffing "Membrane-initiated effects of progesterone on calcium dependent signaling and activation of VEGF gene expression in retinal glial cells", Glia. 2007 Aug 1;55(10):1061-73.
9. Cornelia A Deeg, **Stefanie M Hauck**, Barbara Amann, Elisabeth Kremmer, Manfred Stangassinger and Marius Ueffing "Major retinal autoantigens remain stably expressed during all stages of spontaneous uveitis", Mol Immunol. 2007, Jul;44(13):3291-6
10. **Stefanie M Hauck**, Stephanie Schoeffmann, Barbara Amann, Manfred Stangassinger, Hartmut Gerhards, Marius Ueffing and Cornelia A Deeg "Retinal mueller glial cells trigger the hallmark inflammatory process in autoimmune uveitis", J. Prot. Res. 2007, Jun;6(6):2121-31
11. Cornelia A Deeg, Frank Altmann, **Stefanie M Hauck**, Stephanie Schoeffmann, Barbara Amann, Manfred Stangassinger and Marius Ueffing "Downregulation of PEDF in uveitic lesions associates with focal VEGF expression and breakdown of the blood retinal barrier", Proteomics. 2007, May;7(9):1540-8.
12. Cornelia A. Deeg, **Stefanie M. Hauck**, Barbara Amann and Bernd Kaspers. "Defining cytochemical markers for different cell types in the equine retina." Anat Histol Embryol. 2006 Dec; 35(6):412-5.
13. Hans Zischka, Ralf J. Braun, Enrico P. Marantidis, Dietmunde Buringer, Carsten Bornhovd, **Stefanie M. Hauck**, Oliver Demmer, Christian J. Gloeckner, Andreas S. Reichert, Frank Madeo and Marius Ueffing. "Differential analysis of Saccharomyces cerevisiae mitochondria by free flow electrophoresis." Mol Cell Proteomics. 2006 Nov; 5(11):2185-200.
14. Cornelia A. Deeg, Dirk Pompetzki, Alberth J. Raith, **Stefanie M. Hauck**, Barbara Amann, Sabine Suppmann, Thomas W. Gobel, Ursula Olazabal, Hartmut Gerhards, Sven Reese, Manfred Stangassinger, Bernd Kaspers and Marius Ueffing. "Identification and functional validation of novel autoantigens in equine uveitis." Mol Cell Proteomics. 2006 Aug; 5(8):1462-70
15. **Stefanie M. Hauck**, Norbert Kinkl, Cornelia A. Deeg, Magdalena Swiatek-de Lange, Stephanie Schoeffmann, Marius Ueffing. "GDNF Family Ligands Trigger Indirect Neuroprotective Signaling in Retinal Glial Cells" Mol Cell Biol., 2006 Apr; 26(7):2746-57
16. Claudia S. Alge, **Stefanie M. Hauck**, Siegfried G. Priglinger, Anselm Kampik, and Marius Ueffing. "Differential Protein Profiling of Primary versus Immortalized Human RPE Cells Identifies Expression Patterns Associated with Cytoskeletal Remodeling and Cell Survival" J Prot. Res. 2006 Apr; 5(4):862-78.
17. Francois Paquet-Durand, Seifollah Azadi, **Stefanie M. Hauck**, Marius Ueffing, Theo van Veen and Per Ekstrom. "Calpain is activated in degenerating photoreceptors in the rd1 mouse." J Neurochem. 2006 Feb; 96(3):802-14.
18. **Stefanie M. Hauck**, Per Ekström, Poonam Ahuja-Jensen, Sabine Suppmann, Francois Paquet-Durand Theo van Veen and Marius Ueffing. "Differential Modification of Phosducin Protein in Degenerating rd1 Retina is Associated with Constitutively Active CaMKII in Rod Outer Segments" Mol Cell Proteomics. 2006 Feb; 5(2):324-36

19. **Stefanie M. Hauck**, Stephanie Schoeffmann, Cornelia A. Deeg, Christian-Johannes Gloeckner, Magdalena Swiatek-de Lange and Marius Ueffing. "Proteomic analysis of the porcine interphotoreceptor matrix." *Proteomics* 2005 Sep; 5(14):3623-36.
20. **Stefanie M. Hauck**, Sabine Suppmann and Marius Ueffing. "Proteomic profiling of primary retinal Muller glia cells reveals a shift in expression patterns upon adaptation to in vitro conditions." *Glia*. 2003 Dec; 44(3):251-63.
21. Alge CS, Suppmann S, Priglinger SG, Neubauer AS, May CA, **Hauck S**, Welge-Lussen U, Ueffing M, Kampik A. "Comparative proteome analysis of native differentiated and cultured dedifferentiated human RPE cells" *Invest Ophthalmol Vis Sci*. 2003 Aug; 44(8):3629-41