

Curriculum Vitae: Ruth HERBST

Medical University Vienna, Center for Pathophysiology, Infectiology and Immunology,
Institute of Immunology, ruth.herbst@meduniwien.ac.at

Place of Birth	Weiz, Austria
Nationality	Austria
Acad. Degree	Mag. Dr. (PhD)
Current Position	Associate Professor
Work Address	Medical University of Vienna, Center for Brain Research, Spitalgasse 4, 1090 Vienna Tel: 43-1-40160 34260; Fax: 43-1-40160 934053

Main Research Interest

My work is focused on characterizing how receptor tyrosine kinases induce intracellular signaling cascades thereby regulating crucial cellular processes including cell proliferation, differentiation and function. My long-term interests center around the receptor tyrosine kinase MuSK. As postdoctoral fellow and subsequently as independent group leader, together with my laboratory, I made important contributions to the function of MuSK and to the characterization of downstream signaling events. More recently I have also become interested in protein trafficking and the interplay between signaling and protein endocytosis. In this respect, we have identified a novel guanidine nucleotide exchange factor with potential function in T cell responses during inflammatory conditions.

Scientific Education and Career History

1986	University entrance qualification (Matura), Realgymnasium Birkfeld, with distinction
1986-1991	Studies in Genetics/Microbiology, University of Vienna, with distinction
Oct 10 th , 1991	Diploma (Mag. rer. nat.) awarded
1991-1996	PhD studies (Molecular Biology), University of Vienna; Thesis performed at Institute of Molecular Pathology (IMP) in Vienna and the University of Sheffield, UK.
Nov 5 th , 1996	Dr. rer. nat. (PhD) awarded
1996-2001	Postdoctoral fellow in the laboratory of Dr. Steve Burden at the Skirball Institute of Biomolecular Medicine, New York University School of Medicine, New York, NY, USA
2002-2012	Group leader, Center for Brain Research, Medical University of Vienna
2010	Habilitation in Neurobiology, Medical University of Vienna
2013-2014	Assistant Position at the Institute of Immunology, Medical University of Vienna
Since 2014	Assistant Professor at the Institute of Immunology, Medical University of Vienna

Awards and Fellowships

1993	Short-term studentship from the University of Vienna for studies abroad
1996-1998	Erwin-Schrödinger Postdoctoral Fellowship, FWF

May 2000	Poster prize award at the 11 th IMP spring conference in Vienna, Austria
2002-2004	Erwin-Schrödinger Return Fellowship, FWF
April 2004	APART Habilitation Fellowship, Austrian Academy of Sciences

Supervision of Undergraduate and Graduate Students

Since 2002	Supervision of 18 Diploma / Master theses (16 finished; 2 ongoing) and 6 PhD theses (3 finished/ 3 ongoing)
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Teaching Activities (selected)

Participation in courses of the Neuroscience PhD Program and organisation of lectures within the medical curriculum of the Medical University.
Teaching in the Master's programme „*Molecular Biology*“ of the University of Vienna.
Teaching at the FH Campus Vienna (Master's programme „*Biomedizinische Analytik*“)

Commission of Trust

2005 – now	Ad hoc referee for scientific journals including Journal of Cell Biology, PLOS ONE, Scientific reports, Journal of Neuroscience, Brain Research
2005- now	Reviewer of various funding agencies: MRC (UK), AFM (France), NWO (Netherlands)
Since 2005	Founding member and treasurer of the association „ <i>Frauennetzwerk Medizin</i> “ (<i>wnw-med</i>)

Memberships in Scientific Societies

- Austrian Neuroscience Association
- Society of Neuroscience
- Austrian Association of Molecular Life Sciences and Biotechnology
- European Muscle Society

Funded Research Projects

Since the establishment of my own research group in 2002, I was able to finance my laboratory and my own position (2002-2012) with 7 internationally peer-reviewed research grants and 1 fellowship award (APART, OeAW) with a total funding of approx. 1.8 Mill €.

- 2002 - 2005 R10, FWF
- 2003 - 2004 OeNB 10017, Österreichische Nationalbank
- 2005 - 2008 OeNB 11397, Österreichische Nationalbank
- 2006 - 2011 P19223-B09, FWF
- 2009 - 2013 P21667-B09, FWF
- 2012 - now P24685-B24, FWF
- 2015 - now P28485-B27, FWF