

Biographical Sketch (Sept 2013)



Judith Maria Rollinger is Professor of Pharmacognosy at the Institute of Pharmacy, Center of Molecular Biosciences Innsbruck, University of Innsbruck, Austria.

After her PhD in Pharmacognosy dealing with crystal polymorphism (University of Innsbruck) she extended her studies to the fields of phytochemistry, ethnopharmacology, and molecular modelling. Engaged as senior scientist for Inte:Ligand (Software development and consulting, Maria Enzersdorf, Austria; 2003-2005) she implemented computational approaches in natural product science. In 2007 she received the *venia legendi* as Professor of Pharmacognosy with her habilitation thesis 'The search for bioactive natural products'.

Judith M. Rollinger is project leader in various national and international projects (EU-project leader and coordinator). She has been awarded the PHOENIX Science award (2005), the Science Award of the Capital Innsbruck (2010) and received several additional awards.

Her research focuses on the interdisciplinary field of integrating computational techniques in classical pharmacognostic research as strategy for the discovery of natural lead structures for treating neurodegenerative diseases, viral infections, metabolic syndrome and inflammation. Publications resulting from her research appear in highly ranked international journals, as book contributions, and patents.

Curriculum Vitae Judith M. Rollinger (Sept 2013)	
1983-1990	Studies of pharmacy (Mag. pharm.) University of Innsbruck, Austria
1990-1991	Training in immunology and microbiology, University of Innsbruck
1992	Approbation as pharmacist (hospital pharmacy in Innsbruck)
1992-1994	Maternity leave
1994-2005	Half time position as assistant at the Institute of Pharmacy/Pharmacognosy, University of Innsbruck, Austria
1995-1999	PhD in the group of Prof. A. Burger (crystal polymorphism), Institute of Pharmacognosy, University of Innsbruck
2000-2002	Training in Molecular Modelling: CAMD-Group, Pharmaceutical Chemistry, University of Innsbruck (Univ.-Prof. Dr. Thierry Langer)
2003-2005	Half time position at Inte:Ligand (Software development and consulting, Maria Enzersdorf, Austria)
Since 2005	Full time position at the Institute of Pharmacy / Pharmacognosy, University of Innsbruck
2007	Habilitation and <i>Venia legendi</i> for Pharmacognosy at the University of Innsbruck
Since 2007	A. Univ.-Professor of Pharmacognosy at the Institute of Pharmacy, University of Innsbruck
2013	Visiting Professor at the Institute of Pharmacognosy, University of Vienna, Austria

Projects	
2005-2008	Bridge Project leader: 'Natural product derivatives for the treatment of dementia diseases' (FFG: Project 810059)
2006-2008	Project leader of 'Computer-assisted data-mining tools for the discovery of bioactive natural products' (Young talents grant of the University of Innsbruck)
2008-2014	Project associate & co-applicant: Drugs from nature targeting inflammation: From in silico plant selection to bioactive natural products (FWF NFN-project S10703)
2012-2015	Project leader: 'Natural Lead Structures Targeting Influenza' (FWF P 24587)
2012-2016	Coordinator and project leader of the EU project 'hERG related risk assessment of botanicals' (hERGSscreen; FP7-PEOPLE-2011-IRSES, 295174)
Scientific awards	
2005	PHOENIX Scientific Award
2005	Young talents grant 2005 awarded by the University of Innsbruck
2006 & 2007	Recognition Awards for outstanding scientific research at the University of Innsbruck
2010	KIWIE Silver Medal Award (South-Korea) for the patent 'Morphinan-6-one compounds for the treatment or prevention of neurodegenerative diseases'
2010	Science Award of the Capital City of Innsbruck/Austria
Publications	
~70 Publications in peer reviewed journals; ~70 Congress contributions (oral and poster present.); 3 Book chapters; 17 Invited lectures, 4 Plenary lectures, 5 Key lectures; 7 Patent applications	
Academic Activities/Memberships	
Elected member of the board directors of the 'Society of Medicinal Plants and Natural Product Research' (2011-2013)	
Permanent committee of the Young Researchers Workshop of the Society for Medicinal Plant and Natural Product Research (GA): since 2009	
Organisation and coordination of TCM Summer school to Chengdu/China (2008)	
Executive guest editor for Current Pharmaceutical Design (2010-2011)	
Curriculum committee Pharmacy/Chemistry University of Innsbruck, Austria	
Committee of the Alpine Research Center Obergurgl (AFO), Tirol, Austria	
Referee for more > 20 Journals	
Teaching	
Continuous teaching activity at the University of Innsbruck, Institute of Pharmacy/Pharmacognosy (since 1996) in the field of Pharmacognosy	
Teaching activity at the University of Vienna, Department of Pharmacognosy (2013) as visiting professor: 'Biogene Arzneimittel', 'Ringvorlesung', etc.	
Since the <i>venia docendi</i> (2007) supervision of 3 PhD students (1 Egon Stahl Award winner) and co-supervision of 6 PhD students; 20 diploma students (among them two Madaus award winners)	
Scores of evaluated courses (University of Innsbruck): between 1 and 2 (1, best; 5, worst)	