

Personal details

Acad. Degree: Ao.Univ. Prof. Mag. Dr.
 Spoken languages: German, English
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Academic Credentials

1999 Habilitation Molecular Biology, University of Natural Resources and Life Sciences, Vienna (BOKU), A
 1991 Dr. nat. techn., BOKU
 1987 Mag. rer. nat., University of Vienna, A

Previous and Current Position

2001-2006 Maternity leave (1,5 years) and subsequent part time position
 Since 2000 a.o. Univ. Professor at the Department of Applied Genetics and Cell Biology (DAGZ)¹, BOKU
 1994 – 1999 Assistant Professor at the DAGZ, BOKU
 1991 – 1993 PostDoc at the Institute of Applied Microbiology, BOKU
 1989 – 1991 Research Fellow at the Institute of Applied Microbiology, BOKU
 1984 – 1986 Research Assistant at the Institute of Applied Microbiology, BOKU
 1982 - 1984 Research Assistant at the Institute of Genetics, Medical University, Vienna, A

Visiting Fellowships and Awards

1987 - 1988 Research Fellowship (Austrian Academy of Sciences) at John Innes Institute (Norwich, UK)
 1991 – 1992 Research Fellowship (Austrian Ministry of Science) at Scripps Research Institute (CA, USA)
 2000 Invited Guest Professor at Biotechnology Department, Osaka University, JP
 2009 Invited Visiting Scientist at Mapp Biopharmaceuticals, La Jolla, CA, USA
 Since 2010 Chair of the Laura Bassi Center “Plant Protein expression and pathway engineering”
 2010 Publication selected for Faculty 1000 (Castilho et al., doi: 10.1074/jbc.M109.088401)
 2014 Invited Visiting Scientist at Mapp Biopharmaceuticals, La Jolla, CA, USA
 Research award of the Austrian Association of Molecular Life Sciences and Biotechnology (through PhD of Andreas Loos)
 2014/15 BOKU Innovation Award (through PhD of Andreas Loos BOKU-VIENNA)
 Nomination of the Austrian Scientist of the Year
 2016 Nomination for Storer Lectureship at University California, Davis, CA, USA
 2017 Guest Professor at Arizona State University, USA (Biodesign Institute)

Research Interest

Plant based protein expression and posttranslational modification; elucidation of intracellular targeting signals and deposition of (recombinant) proteins, intracellular protein transport and degradation in plants, , glycan engineering, therapeutic protein production

Publications

¹ <http://www.dagz.boku.ac.at/en/>

Peer publications 98, Book chapters 3, Patents 3
 Invited lectures numerous (e.g. 2016: keynote speaker "Frontiers in Sialic Acid, Research Conference" Hannover; "Plant Biotechnology Forum", Pretoria, ZA; 2017: Keynote speaker and session chair 24th International Symposium on Glycoconjugates, KR)

Service on the community, Administration, Miscellaneous

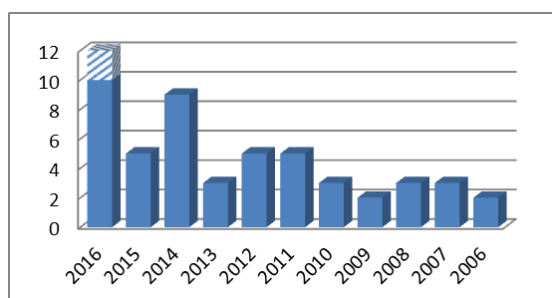
Editorial Board Member of (i) Biotechnology Journal and (ii) Protein Protein Expression and Purification
 Reviewer in SCI Journals (e.g. Plant Cell, Plant Physiology, PNAS, Plant Biotech Journal, FEBS Lett,...)
 Proposal reviewer (e.g. WELCOME Trust, Volkswagen Stiftung, SAMSUNG Research Funding Center)
 Organization of meetings: e.g. COST meeting: Molecular Farming (2005), joint EU meetings (2000)
 Membership: International Society of Microbiology, Austrian Soc. Molec. Biosc. and Biotech. (ÖGMBT)
 "Lehrsprecherin" of the DAGZ
 Member of "Fachstudienkommission Lebensmittel- und Biotechnologie"
 Communication to key public and stake-holders : > 50 interviews with print media and TV; oral and written presentations
 Supervision of „Vorwissenschaftliche Arbeiten“ in higher education programs (Gymnasium)
 Company Consultant

Research Support (Selected Grants, last 10 years)

<u>Funding Organisation</u>	<u>Duration</u>	<u>Research topic of the project</u>
FWF ² (stand lone)	2016-2019	Understanding IgE glycosylation
FWF (Doctoral Program)	2015-2018	Expression of therapeutic IgE in plants
Laura Bassi Center (FFG) ³	2014-2017	Plant protein expression and pathway engineering II
Laura Bassi Center (FFG)	2010-2014	Plant protein expression and pathway engineering I
FWF (stand alone)	2008-2012	Plant Golgi targeting sequences
EU-FP6,7	2006-2013	Molecular pathway engineering in plants

Additional Education

1983-1986 Educative and didactic courses, University Vienna in the course of higher education programs ("Lehramtsstudium")
 2010-2015 training in project management, team building and leadership: C/O/N/A/C/T/A: Vienna School of Organisational Consultancy (6 workshops)



Overview of SCI publications (last 10 years): partially filled bar refers to submitted manuscripts, average impact factor 5,3.
 13 papers were cited >100 times, 49 publications >30 times; 4968 total citations; h-index: 40, (Scopus Jan 2017).

² Austrian Science funds (promotes basic research)

³ Die Österreichische Forschungsförderungsgesellschaft (promotes translational research)