

Curriculum vitae

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Education and Training

2005 P.D., Habilitation in Genetics, University of Tübingen, Tübingen, Germany
2002 Ph.D., Biochemistry, Masaryk University, Brno, Czech Republic
2000 Dr. rer. nat., Biology, *summa cum laude*, University of Cologne, Köln, Germany
1997 M.Sc., Biochemistry, *summa cum laude*, Masaryk University, Brno
1995 B.Sc., Chemistry, Masaryk University, Brno, Czech Republic

Professional Career

10/2012 - Professor; Institute of Science and Technology Austria (ISTA), Austria
2011 - 2014 Associated group leader, Central Institute of Science and Technology (CEITEC), Masaryk University, Brno, Czech Republic
2012 - 2014 Guest Professor; Ghent University, Belgium
2007 - 2012 Professor and Group leader; Plant Systems Biology Department, Flanders Institute for Biotechnology (VIB) and Ghent University, Belgium
2006 - 2007 Professor; Plant Cell Biology Department at the University of Göttingen, Germany
2002 - 2006 Group leader; University of Tübingen, Tübingen, Germany
2001 - 2002 Research associate; Centre for Plant Molecular Biology, University of Tübingen, Germany
1997 - 2002 Ph.D. Student in Biochemistry; Faculty of Science, Masaryk University, Brno, Czech Republic
1997 - 2000 Ph.D. Student in Biology; Max-Delbrück laboratory in Max-Planck-Society, Köln, Germany
1995 - 1997 M.Sc. Student; Physical Chemistry, Biochemistry, Faculty of Science, Masaryk University, Brno, Czech Republic

Honors and Awards

- 2000 Max Planck Society Award: The Otto Hahn Medal
 - 2002 VolkswagenStiftung Award
 - 2004 EMBO Young Investigator Award
 - 2005 Heinz Maier-Leibnitz Prize
 - 2007 Odysseus Award, Flanders Science Foundation
 - 2009 2nd most cited developmental biologist and 4th most cited plant biologist in Germany/Austria/Switzerland (Labor Journal)
 - 2010 Olchemim Scientific Award
 - 2010 Körber European Science Award
 - 2010 Elected EMBO member
 - 2011 Elected fellow of American Association for the Advancement of Science (AAAS)
 - 2012 EMBO Gold Medal
 - 2013 ERC Starting Grant
 - 2014 Elected member of Junge Kurie, Austrian Academy of Science
 - 2014 Běhounek Prize (Czech Ministry of Education)
 - 2015 Erwin Schrödinger Prize (Austrian Academy of Science)
 - 2015 Selected to 2015 World's Most Influential Scientific Minds
 - 2016 Charles Albert Shull Award (ASPB)
 - 2017 ERC Advanced Grant
 - 2019 Neuron Award for Lifetime Contribution to Science, Czech Republic
 - 2024 ERC Advanced Grant
- Regularly Thomson Reuters Highly Cited Researcher

Memberships

- 2007-current The European Plant Science Organization (EPSO)
- 2010-current American Society of Plant Biologists (ASPB)
- 2010-current American Association for the Advancement of Science (AAAS)
- 2010 Member of European Molecular Biology Organization (EMBO)
- 2011 Fellow of American Association for the Advancement of Science (AAAS)

Professional Service

- Receiving Editor with Current Opinion of Plant Biology (2009)
- Editorial board member: Cell Research, Frontiers in Plant Science, Nature Comm. (-2017)
- Organizer, International Auxin meeting, Dubrovnik (2020)
- Co-organizer, European Endomembrane Network (2019)
- Co-organizer, Vienna Plant Network (2013)
- Organizer, EMBO Plant meeting, Brno (2015)
- Organizer, Plant Systems Biology Meeting in Ghent, Belgium (2008)
- Co-organizer, Auxin and Cytokinin Meeting in Plant Development (ACPD), Prague (2009)
- Co-organizer, Summer School on Polarity and Asymmetric Cell Division in Plants at Crveni Otok, Croatia (2009)
- Scientific Advisory Board Member, Department of Plant Molecular Biology (DBMV), University

Lausanne (2019).

- Scientific Advisory Board Member, CEITEC, Masaryk University, Brno, Czech Rep.
- Scientific Advisory Board Member, Fujian University, Fuzhou, China
- Faculty Council Member, Department of Plant Physiology, Charles University, Prague
- Habilitation Panel Member, Agricultural University Vienna (2007), University Graz (2013)
- PhD Panel Member: Utrecht, Leiden, Wageningen, Ghent, Lyon, Prague, Brno, Olomouc, Tel-Aviv, Heidelberg
- Grant Reviewer for funding agencies: Austria, Belgium, Czech Republic, Germany, Hungary, Switzerland, Israel, Italy, The Netherlands, NSF, EMBO, ERC.
- ERC President recruiting committee Member (2021)
- Reviewer for: *Nature*, *Science*, *Cell*, *Plant Cell*, *Plant Journal*, *Plant Physiology*, *Current Biology*, *Developmental Cell*, *Nature Chemical Biology*, *Nature Cell Biology*, etc.
- ISTA Open Campus Day (regular contributions)
- Visit of students from Gymnasium Klosterneuburg and Sir Karl Popper school (supervision)

Invited Lectures: Invited to the international meetings about 5 times a year since 2000; regularly plenary and key-note lectures and chairing sessions. Invited seminars at universities and research institutes about 5 times a year.

Teaching Activities

ISTA (2014 -):	Lecture course: Developmental and Cell biology
ISTA (2016 - 2019):	Lecture course: Mathematics for biologists University
Prague (2003 - 2016):	Lecture course: Developmental cell biology of plants
University Brno (2005 - 2016):	Lecture course: Modern methods in experimental Biology
Santiago, Chile (2013):	Lecturer at Santander Summer School
University of Tübingen (2001 - 2006):	Lecture and laboratory courses in molecular cell biology, genetics and developmental genetics
EMBO Heidelberg (2005, 2006):	Lecturer at EMBO YIP course
University Göttingen (2007):	Lecture and laboratory courses in physiology, genetics
University Ghent (2007 - 2012):	Lecture and practical courses in plant systems biology and plant developmental biology
MAICH, Greece (2009 - 2020):	Lecture course: Hormonal regulation of plant development

By December 2020: 28 accomplished PhD graduates

Publications 2001 – 2020:

January 2021: Items: **303** (PubMed); Citations: 50 462, h-index: **110** according to Google Scholar