

CURRICULUM VITAE

Joseph Strauss, PhD

Professor of Genetics and Functional Genomics

PERSONAL DATA

Born: 1963 in Klagenfurt, Carinthia, Austria
Nationality: Austrian
Website: <http://www.dagz.boku.ac.at/11136.html>

RESEARCH INTERESTS AND MAIN TOPICS

The Fungal Genetics and Genomics Unit (FGGU) is a jointly funded research group of BOKU University and Austrian Institute of Technology established in 2006. The group is led by Joseph Strauss and members work on molecular genetics and functional genomics of fungal model organisms (*Aspergillus*, *Fusarium*) with emphasis on transcription factor function and chromatin regulation, signalling pathways in primary (the nitrogen assimilation system) and secondary metabolism (mycotoxin formation) as well as on chromatin biology of fungal-plant interactions. In the last 5 years the group has published 32 peer-reviewed original research and review papers in international journals.

CAREER HISTORY

2014 - present Head of Division "Microbial Genetics and Pathogen Interactions" within the Department of Applied Genetics and Cell Biology of the BOKU University at Campus Tulln
2011 - present Head of "Fungal Genetics and Genomics Unit", a mutually funded cooperation between University of Natural Resources and Life Sciences Vienna (BOKU University) and Austrian Institute of Technology (AIT)
2011 - present Full Professor of Genetics and Functional Genomics at the BOKU University and responsible for undergraduate and graduate teaching in "Agricultural Genetics" and "Fungal Genetics/Genomics"
2006 - 2010 Senior Scientist and Group Leader of "Fungal Genetics and Genomics Research Group" at the Austrian Institute of Technology (AIT), Vienna
2002 Habilitation (*venia docendi*) for "Genetics" at the BOKU - University of Natural Resources and Applied Life Sciences, Vienna
2000 - 2005 BOKU - University of Natural Resources and Applied Life Sciences Vienna, Center of Applied Genetics: START Award Research Group Leader of Microbial Genetics.
1996 - 1999 Post-Doctoral Research Fellow at University of Technology Vienna, Institute of Biochemical Technology and Microbiology working on signal transduction to glucose repression in *Aspergillus* and *Trichoderma*
1995 (2-11) Université Paris-Sud, Orsay, France: EMBO Fellowship for the development of an "in vivo footprinting" technique in apically growing organisms.
1994 (1-12) University of Innsbruck, Austria, Institute of Medical Microbiology: "OTTO-LOEWI" Fellowship of the Austrian Research Fund (FWF)

EDUCATION

1990 - 1993 Université Paris-Sud, Institute de Genetique et Microbiologie, Orsay, France; PhD Thesis on Microbial Genetics. Graduation "Doctorat Européenne" December 1993
1984 - 1989 University of Vienna; Studies of Microbiology and Genetics; MSc Graduation, November 1989
1978 - 1983 Polytechnicum for Agriculture and Agronomy, Wieselburg, Austria

SCIENTIFIC ACHIEVEMENTS

The scientific track record shows around 90 papers in high-ranking international peer-reviewed multidisciplinary and specialized journals, several book chapters and patents, an accumulated impact factor of around 400 SCI points, and 3500 total citations of these papers in other articles. The overall *h-index* is 33 (2016), the *i10* index (papers cited at least 10-times) is 53. In addition, the work of the group has been presented so far in around 70 invited talks or selected conference presentations and around 50 conference presentations (posters).

Since the start of the independent research group in the year 2000, Dr. Strauss has received roughly 3,5 million € of extramural funding as stand-alone projects and as partner group in research consortia primarily from the Austrian Science Fund (FWF), the Vienna Science and Technology Fund (WWTF), the Austrian Institute of Technology (AIT) and the European Union (FP6, FP7).

FELLOWSHIPS AND AWARDS

1990 - 1993	Austrian-French PhD-Student Exchange Fellowship
1994	OTTO-LOEWI Fellowship of the Austrian Science Fund (FWF)
1995	EMBO Fellowship
1999	START Award of the FWF (personal remuneration and project funding for 6 years)