Curiculum vitae

- Gerald Striedner
- Academic degree: Ass. Prof. Dr. DI.
- Date of birth: July 4th , 1969
- Place of birth: Moellbruecke, Austria
- Citizenship: Austria

Education

- 1975-1979: Primary school
- 1979-1983: Secondary school
- 1983 – 1989 Secondary school, vocational focus agriculture
- 1989 – 1997 University of Natural Resources and Life Sciences , Vienna: Food- and Biotechnology
- 1996 diploma thesis at the Institute of Applied Microbiology (IAM): “Investigations for the optimisation of recombinant protein production in Saccharomyces cerevisiae”
- 1999 – 2002 PhD thesis at the IAM, “Development of process optimisation strategies by expression rate control of strong recombinant E. coli expression systems“
- 07 – 09 2013 Research stay at the Department of Chemical and Biochemical Engineering; Center for Process Engineering and Technology; Technical University of Denmark.
- 2014 co-founder of the BOKU spin-off company **enGenes Biotech GmbH**
- 2015 Habilitation (venia docendi) in Bioprocess Engineering

Employment

- 1997 Military service
- 1997 – 2002 Researcher at the Department of Biotechnology, University of Natural Resources and Life Sciences, Vienna

- 2002 - 2004 Post doc position at the Austrian Centre of Biopharmaceutical Technology from 2006 coordinator of the project “E. coliBL21/K12 technology platform” in the ACBT framework
- 2005 - 2008 Senior scientist at the Austrian Centre of Biopharmaceutical Technology Coordinator of the project “E. coliBL21/K12 technology platform” in the ACBT framework
- since 08.2008 University Assistant at the Department of Biotechnology, University of Natural Resources and Life Sciences , Vienna: Food- and Biotechnology
- since 2009 Head of working group “Microbial Fermentation” at the Department of Biotechnology, University of Natural Resources and Life Sciences, Vienna
- since 2009 Departmental coordinator for Biotechnology in the ERASMUS program
- since 01.2010 ACIB K2 Competence Centre, Key-Researcher, Project leader in Area 3 Cell design and Engineering; Project manager in Area 5 Bioprocess Engineering
- since 2013 Coordinator of department internal discussion platform “Bioprocess Engineering”

Affiliations

- Member of the Austrian Society for Biotechnology (OEGMBT)
- Member of International Society for Pharmaceutical Engineering (ISPE)
- Member of European Federation of Biotechnology (EFB)
- Member of European Society of Biochemical Engineering Sciences(ESBES)**,** active in the section on Modelling, Monitoring, Measurement & Control (M^3C)
- Member of American Society for Microbiology (ASM)
- Member Alumni Association of the University of Natural Resources and Life Sciences

Teaching activities

- Practical Course Applied Microbiology: compulsory course, bachelor study, since 2003
- Systems Biology: elective lecture, master study, 2008 – 2012
- Basics in Bioprocess Engineering: compulsory lecture, bachelor study, 2009 - 2012

- Automation of bioprocesses: elective lecture, master study, since 2009
- Bioprocess engineering I: compulsory lecture, master study, since 2009
- Bioprocess engineering II: elective practical course, master study, since 2009
- Basic Course III - Expression Systems and Cell Factories: compulsory lecture in the BioTop PhD program, since 2011

Peer reviewing

- 2015 - NEW BIOTECHNOLOGY
- 2015 - Bioprocess and Biosystems Engineering
- 2014 - J CHEM TECHNOL BIOT
- 2014 - CHEM ENG JOURNAL
- 2014 - BIOTECHNOL ADV
- 2013 - APPL MICROBIOL BIOT
- 2012 - BIOCHEM ENG J
- 2011 - Biotechnology Progress
- 2011 - Protein Expression and Purification
- 2010 - BIOTECHNOL BIOENG
- 2008 - Biotechnology Journal
- 2008 - Microbial Cell Factories

Publications

- 35 SCI publications
- 3 publications in non SCI journals
- 2 book chapters
- 44 talks at international conferences (12 of which invited)
- 21 poster presentations at international conferences
- 3 granted and 2 filed patents

Other activities

- Co-founder of the BOKU spin-off company **enGenes Biotech GmbH** founded 02/2014. enGenes Biotech is a customer-centric, contract research organization dedicated to providing smart solutions for the production of recombinant proteins for the biopharmaceutical industry as well as for industrial applications. By consolidating next-generation genetic engineering with a vast expertise in bioprocess engineering

enGenes Biotech aims to take protein production in microbial systems to the next level. At enGenes genetic engineering and bioprocess optimization work hand-in-hand.