



CURRICULUM VITAE

Univ. Prof. Dipl.-Ing. Dr. Peter ERTL
Vice Rector Research, Innovation and International Affairs

born 1970 in Solbad Hall in Tirol (Austria)
 married, 2 children

Education:

- 2019: Visiting Researcher, Department of Biomedical Engineering Imperial College London, UK
- 2014: Visiting Scientist, Medical Center of the University of California at San Francisco, US
- 2013: Visiting Scientist at the Center of Biomimetic Sensor Systems at Nanyang Technological University, Singapore
- 2011: Habilitation (venia docendi) in Nanobiotechnology, BOKU Wien
- 2010: Fulbright Scholar, University of California at Berkeley, US
- 2001-2002: Postdoctoral fellow at the College of Chemistry, UC Berkeley, US
- 1997-2001: Doctor of Philosophy in Chemistry (Ph.D.) from the University of Waterloo, Canada
- 1991-1997: Masters' s in Science Food Sciences and Biotechnology, University of Natural Resources and Life Sciences (BOKU), Vienna, Austria

Career:

- 2023 Vice Rector for Research, Innovation and International Affairs at TUW
- 2019-2021 Editor-in-Chief (part time), open access journal Organs-on-Chip (Elsevier)
- 2018 Co-founder and Chief Technology Officer (CTO) at SAICO Biosystems KG
- 2016-2022 Full University Professor (full time), Lab-on-a-Chip Systems for Bioscience Technologies at the Faculty of Technical Chemistry, TU Wien, Austria
- 2012-2021 Lecturer (part time) in Biomedical Technologies for the Master's program, entitled "Tissue Engineering and Regenerative Medicine", University of Applied Sciences, Vienna, Austria
- 2011-2013 University lecturer (part time), University of Natural Resources and Life Sciences, Vienna (Study: Food Sciences and Biotechnology)
- 2008-2015 University Lecturer at the TU Wien in the Master's Program "Biochip Technologies in (bio) Analytical Chemistry"
- 2005-2015 Senior Scientist (full time) at Austrian Institute of Technology (AIT)
- 2003-2005 Co-founder and Director of Product Development, Rapid Labs Inc., Kitchener, Canada
- 1997-2000 Teaching Assistant, Department of Chemistry der University of Waterloo, Canada
- 1993-1994 Analytical Chemist, BIUTECH, Vienna, Austria

Awards and scholarships:

- 2021 Austrian States Prize on work conducted on the refinement, reduction and replacement of animal testing
- 2020 Houska award (3rd) for industrial relevant academic research
- 2011 Fulbright Visiting Scientist Scholarship (AAE Commission)
- 2001 Erwin-Schrödinger Scholarship from the Austrian Science Fund (FWF)
- 1997-2000 Ontario Graduate Scholarship in Science and Technology, Canada
- 1998-1999 University of Waterloo Graduate Achievement Scholarship, Canada

Publications:

- over 140 peer-reviewed research articles
- Co-editor of one book and five book chapter contributions
- approx. 26 patent applications
- Over 150 presentations as key note, invited speaker and lectures

Areas of Expertise:

- Biosensor technologies
- Microfluidics and lab-on-a-chip systems
- Organ-on-a-chip technologies
- Biochips

Academia Affiliations:

- Founder and speaker of the network „Advanced Microfluidics Initiative“
- Member of the European Organ-on-Chip Society (EuroOoc)
- Board Member of the Tissue Engineering & Regenerative Medicine Society (TERMIS)
- Member of the Austrian Chemical Society (GÖCh)
- Board member of the Austrian Scholars in North America (ASciNA)
- Member of the Austrian Nanobiotechnology Society
- Member of the American Chemical Society
- Member of the Austrian Fulbright Alumni association
- Scientific Advisory Board:
 - NC3Rs – National Centre for the Replacement, Refinement & Reduction of Animals in Research, London (UK)
 - Theodor Körner Fonds, Vienna (AT)
 - Czech Academy of Sciences, Analytical Division Prague (CZ)
- Company shares:
 - CompreVie GmbH (12.5%)
 - SAICO Biosystems KG (20%)

