



CV

Claudia Preininger

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Professional Career / appointments

- 04/2011 – present: Group Leader and Project Manager at AIT Austrian Institute of Technology, Tulln; current working fields: microbial formulations and bioassays
- 4/2014 - 04/2015 maternity leave
- 02/2012 – 02/2014 Deputy Head of Bioresources Unit, Thematic Coordinator for Food & Feed Safety
- Since 2010 Senior Researcher
- 1999- 03/2011: Scientist & Group Leader at AIT Austrian Institute of Technology, Seibersdorf (former Austrian Research Centers and ARC Seibersdorf Research); working fields: DNA and protein microarrays, surface modification, immobilization
- 02/2004-08/2004: Sabbatical at CNR-Institute IROE, Firenze (Italy): immobilization of pH-sensitive dyes in glass capillaries for pH measurement
- 04-09/1998: Consultant for Prodotec srl, Firenze: pH sensors
- 03/1998: University of Lisbon: antibody immobilization on aminosilanized glass beads
- 1997-02/1998: CNR-Institute IROE, Firenze (Schrödinger Fellowship FWF): TIRF immunosensor
- 1996-1997: University of Pisa, Department of Engineering (Schrödinger Fellowship FWF): antibody LB films on functional surfaces and optical characterization
- 07/1996: Chemel Res. Inst., Lund: electrochemical biosensing of heavy metals

Education

- 07-08/2010: ESCONET Science Communication Workshop, Dubrovnik
- Academic Programme for Advertising and Marketing (Vienna Economics & Business University, 4 semesters from 10/2002 – 11/2004); degree (11/2004): “Akademische Werbe- und Marketingkauffrau“
- 10-12/1998: Unternehmerakademie, WIFI Graz, State examination

- 19.4.1996: PhD in Chemistry (with distinction) from KF-University Graz (thesis: Optical Sensors and Biosensors for Environmental Application)
- 10-12/1995: University Lund: enzymatic determination of heavy metals using enzyme immobilized amino-glass and a thermistor (short term visit funded by ESF)
- 24.4.1993: M.Sc in Chemistry from KF-University Graz (thesis: Optical Fiber Sensor for Biochemical Oxygen Demand using *Trichosporon cutaneum*)
- 1986-1993: Studies in Chemistry, Karl-Franzens University Graz

Special achievements

2001: The ARC-Award, an award for scientific excellence, 2nd place for new, reactive chip surfaces

2013: Science2Business Award: "Valipro" was ranked among the five top projects

Projects within the past 5 years

M-era.net Valipro (06/2011-05/2014) (coordinator), <http://www.valipro.eu>

NILplasmonics (04/2011-03/2014), <http://www.nilaustria.at>

FP7 DIPROMON (11/2012-10/2016), <http://www.surrey.ac.uk/dipromon/>

ITN SAMOSS (2013-2017), <http://www.samos.eu/>

FemTech EndoCaps (09/2013-08/2016): Small scale production of bacteria encapsulated beads by extrusion and spraying

M-era.net BAC-COAT (10/2013-3/2017) (coordinator): Development of bacteria formulations for seed coating and seed production, <http://www.bac-coat.eu/>

NFB Bioamina (10/2017-09/2020) (coordinator): Colorimetric multiplex assay for rapid detection of biogenic amines

M-era.net COMPIO (05/2017-04/2020) (coordinator): Eco-friendly nanoclay, nanocellulose and MIP composites for microbial formulations, <http://www.comprio-formulation.eu/>

BBI SUSFERT (05/2018-04/2023): Developing multifunctional fertilisers for phosphorus and iron supply, <https://www.susfert.eu/>

Teaching experience

University of Technology Vienna

- No. 164.220: Biochip Technologies in (Bio)Analytical Chemistry, 2009-2017
- No. 164.263: Scientific Writing and Communication, 2011-2014

FH Technikum Wien

- No. 46494: Nanotechnologies, 2011-2018