

Curriculum Vitae

Ernst Urban

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Personal data

Born 1958 in Vienna, Austria.
Austrian citizenship.
Married with Mag. Anna Urban since 1989
Two children: Maria born in 1989 and Franziska born in 1993.

Education

1976 Graduation Highschool, Vienna, Austria
1977-1983 Studies in Pharmacy at the University of Vienna
1983-1987 Doctorial studies in Pharmaceutical Chemistry at the University of Vienna
1992 Postdoctorial fellow of Prof. G. Helmchen, University of Heidelberg

Career

since 1983 Assistant at the Institute of Pharmaceutical Chemistry, University of Vienna
since 1990 Assistant Professor
1997 Lectureship in Pharmaceutical Chemistry awarded by the Faculty of Natural Science, University of Vienna
since 1997 Associate Professor
2005-2010 Vice head of the Department of Medicinal Chemistry, University of Vienna
2012-2013 Head of the Department of Medicinal Chemistry, University of Vienna
2013-2021 Vice head of the Department of Pharmaceutical Chemistry, University of Vienna

Awards

1992 Erwin Schrödinger scholarship (J0638-CHE) of the FWF

Professional activities

2008-2012 Vice speaker, Faculty Centre of Pharmaceutical Sciences, University of Vienna
2012-2019 Speaker, Faculty Centre of Pharmaceutical Sciences, University of Vienna

Major Scientific Achievements

1983 *Diploma thesis*: "Synthesis of 14-alkyl codeine derivatives"
1987 *Thesis*: "Synthesis of a benzodiazepine analogous sydnotriazepine"
1997 *Postdoctorial thesis*: "Auxiliary protected enoates as chiral building blocks for the EPC synthesis of antimicrobial natural products"

Research Interests

- (1) NMR-Spectroscopy and Structure Determination
- (2) Natural Product Synthesis
- (3) Structure Determination of Natural Products
- (4) Drug Synthesis and Impurity Profiling
- (5) Nucleotides and Oligonucleotides
- (6) Proteome Analytics

Teaching activities

- since 1983 Education and practical training of students in “*Analytical Chemistry*”
- since 1983 Education and practical training of students in “*Pharmaceutical Chemistry*”
- since 1999 Lecture “*Introduction to pharmaceutical analysis*”
- since 1998 Series of lectures “*Special Methods in Pharmaceutical Chemistry 1-4*”
- 1: “Handling of metallorganics”
 - 2: “Asymmetric synthesis”
 - 3: “Asymmetric Synthesis of natural products and drugs”
 - 4: “Instrumental Methods for the separation of Diastereomers and Enantiomers”
- 2003 - 2014 Lecture “*Analytical Chemistry*”
at the University of Applied Science
(FH Campus Wien, branch of study: Molecular Biotechnology)
- 2005 - 2009 Education and practical training of students in “*Biotechnology*”,
at the University of Applied Science
(FH Campus Wien, branch of study: Molecular Biotechnology)
- 2005 - 2009 Lecture “*Enzymatic and recombinant-fermentative Synthesis*”,
at the University of Applied Science
- 2006 - 2014 Lecture “*Analytical Chemistry*” at the Postgraduate Programme
“Pharmaceutical Quality Management”
- 2006 - 2014 Lecture “*Chirality and Drugs*” at the Postgraduate Programme
“Pharmaceutical Quality Management”
- since 2011 Main Lectures in “*Pharmaceutical Chemistry*” in collaboration with Gerhard Ecker
and Thierry Langer
- since 2015 Lecture “*Particular Strategies of Structural Elucidation of Drugs and naturally
occurring Substances with NMR*”