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RESEARCH INTERESTS

- Data mining and data integration
- Polypharmacology and selectivity
- Transport proteins
- Ligand- and structure based in-silico modelling

WORK EXPERIENCE

Since 02/2017

Postdoctoral University Assistant at Department of Pharmaceutical Chemistry, University of Vienna

2008 – 01/2017

Postdoctoral project co-worker at Department of Pharmaceutical Chemistry, University of Vienna

Involved in IMI projects „Open PHACTS“, „eTox“; FWF-funded project „SFB35: Transmembrane Transporters in Health and Disease“, H2020 project „Eu-ToxRisk“

2015

Funded by „**Back to Research Grant**“ of the Faculty of Life Sciences

2008, 2010, 2014

Maternity leave

10/2006 - 09/2007

Postdoctoral project co-worker at Institut for Pharmaceutical Chemistry Heinrich-Heine-University Düsseldorf

Funded by „NanoforLife“ (BMF initiative)

2006

Project-coworker at Department of Pharmaceutical Chemistry University of Vienna

Cooperation with Novartis

EDUCATION

- 2004 - 2006 **Ph.D. Natural Sciences**
Department of Pharmaceutical Chemistry, University of Vienna
Thesis: „Similarity calculations and QSAR model generation for ABCB1 inhibitors and substrates“
- 2003 **Graduated as Pharmacist**
- 1995 - 2002 **Study of Pharmazie, University of Vienna**
Thesis: „New 5-Fluorouracil derivatives with a potential antitumoural activity“

GRANTS & AWARDS

- 2016 **FWF Stand-Alone project** „Elucidating hepatic OATP-ligand interactions and selectivity“
- 2014 **Back-to-Research Grant**, Faculty of Life Sciences, University of Vienna
- 2013 **Gertrud Pleskot Award**, Faculty of Life Sciences, University of Vienna
- 2012 **CINF Scholarship for Scientific Excellence** of the American Chemical Society

INTERNSHIPS & TRAINING

- 10/2016 - ongoing Participation in **FEMAC** (Career Development Programme for Female Academics)
- 01/2006 - 04/2006 Scientific internship with **Jordi Mestres**
Chemogenomics Laboratory, Research Unit on Biomedical Informatics, IMIM/UPF, Barcelona, Spain
- 09/2005 Participation in **1st INFOBIOMED training challenge**, Viladrau, **Spain**
- 09/1999 - 06/2000 **Sokrates/Erasmus Exchange programme** at the Faculty of Pharmacy, University of Granada, Spain; **Diploma thesis:** ‘New 5-Fluorouracil acylo-nucleosides with a potential antitumoural activity’

TEACHING EXPERIENCES

- “Pharmacoinformatics Practical Course“
- “Drug Analysis“: Practicals for pharmacy students
- “Computational Life-Sciences“: Lecture and Seminar for Informatics Students
- Lecturer at “KinderuniWien” (Vienna Children's University)