

CURRICULUM VITAE

Dr. Ulrike Schimpf
born 06 Nov. 1977

Address:
Karlbergsvägen 53A
113 35 Stockholm

+46-(0)73-075-35-81
lmchemie-u@web.de
www.drulrikeschimpf.com



Light, phase-contrast, fluorescence and confocal microscopy · UV/VIS, fluorescence and luminescence spectroscopy · Chromatography (SEC, HPLC, HPTLC, GC) · Osmolality testing · Morphology testing · Biochemical test kits · Wet chemistry · Organic synthesis · Capillary penetration assay · Computer aided sperm analysis · ¹H-NMR · Karl Fischer titration · Enzyme analytics · Antimicrobial susceptibility testing · Biochemical methane potential assays · Ultrafiltration/centrifugation (protein purification) · DLS · Refractometry · Immunochemical analyses · Flame photometry · Titration · Microbiological and chemical preservation techniques · Gravimetry etc.

PROFESSIONAL EXPERIENCES

- 07/2018 – 12/2020 RESEARCHER
KTH ROYAL INSTITUTE OF TECHNOLOGY, DEPARTMENT OF CHEMISTRY, SWEDEN
CIRQLE BIOMEDICAL, DENMARK
Experimental work: Modification of human cervical mucus with carbohydrate-based polymers, the toxicity of carbohydrate-based polymers to human cells, testing spermatozoa penetration through mucus to develop a non-hormonal contraceptive / Analytics, Product development, Management of volunteers, Publications, Supervision, Review of journal articles, Application for property rights, Risk management, Engaged in GLP as Safety representative/trainer and Co-Responsible for Biosafety II lab
01/2020 – 07/2020 · MAMA, Parental leave
11/2019 – present · MEMBER, Swedish Association of Professional Scientists
08/2019 – present · CO-OWNER, Cirqle Biomedical (Denmark), <https://www.oui.us/>
- 10/2020 CONSULTANT
Contracting authority: Nidacon International AB, Sweden
Stability study of medical devices
- 02/2019 CONSULTANT
Research visit at INRA VAL DE LOIRE RESEARCH CENTRE, FRANCE
Contracting authority: Circle Biomedical Congtraception IVS, Sweden
“Validation of an animal model for *in vivo* testing of contraceptive formulations”
- 07/2017 – 06/2018 POSTDOC FELLOW
KTH ROYAL INSTITUTE OF TECHNOLOGY, DEPARTMENT OF CHEMISTRY, SWEDEN
Experimental work: Modification of human cervical mucus with carbohydrate-based polymers, the toxicity of carbohydrate-based polymers to spermatozoa, development of an assay for the testing of spermatozoa penetration through mucus to develop a non-hormonal contraceptive / Management of volunteers, Supervision, Review of journal articles, Risk management
- 05/2017 – 06/2017 MARKET RESEARCHER
CONNECT NOW SWEDEN AB, SWEDEN

06/2008 – 01/2017 RESEARCHER
 INSTITUTE OF AGRICULTURAL AND URBAN ECOLOGICAL PROJECTS AFFILIATED TO BERLIN HUMBOLDT UNIVERSITY (IASP), DEPARTMENT OF BIOGENIC RAW MATERIALS, GERMANY
 Project development, planning, management and closing in the field of biopolymer science: energetic and material use of biomass (microbial, enzymatic and chemical conversion of lignocellulose/waste management), development and application of enzyme preparations, biopolymers for biomedical applications to support human health (anti-inflammatory and anti-fungal agents), temporary Laboratory manager, and Team leader / Publications, Workshops and networks, Commercial assignments, Chairwoman at conference, Application for property rights, Supervision and review of graduate theses (>30), Review of journal articles, Product development, SOPs, Establishment of a laboratory unit

02/2014 DOCTOR
 Doctorate in Biology, specialization in Biochemistry

11/2005 – 05/2008 PHD FELLOW
 HUMBOLDT-UNIVERSITÄT ZU BERLIN, DEPARTMENT OF PLANT BIOCHEMISTRY, GERMANY
 Doctoral thesis supervisor: Prof. Dr. Wolfgang Lockau,
 Thesis: „Enzymatic degradation of lignocellulosic complexes in energy plants in consideration of ensiling and biogas production processes“

RELATED WORK EXPERIENCE

12/2004 – 02/2005 STUDENT ASSISTANT
 TECHNISCHE UNIVERSITÄT BERLIN, DEPARTMENT OF FOOD CHEMISTRY AND ANALYTICS, GERMANY

05/2002 – 11/2002 LABORATORY ASSISTANT
 JOINT PRACTICE DR. PILASKI, DR. STUPP, KLINKE, LABORATORY OF URINE AND BACTERIOLOGY, MEDICAL SPECIALISTS IN UROLOGY, GERMANY

EDUCATION

10/2001 – 12/2005 FOOD CHEMIST
 TECHNISCHE UNIVERSITÄT BERLIN, DEPARTMENT OF FOOD CHEMISTRY AND ANALYTICS, GERMANY
 Graduation: State examination Part A, Diploma in food chemistry
 Diploma thesis supervisor: Prof. Dr. Lothar W. Kroh,
 Thesis: „Molecular weight distribution of melanoidins in sucrose solutions: Impact of Maillard-specific intermediates“

10/1999 – 09/2001 CHEMIST
 TECHNISCHE UNIVERSITÄT BERLIN, GERMANY
 Graduation: Intermediate diploma

10/1997 – 09/1999 INTERIOR DECORATOR
 RAUMAUSSTATTERMEISTER UWE AHLERT, GERMANY
 Graduation: Apprenticeship diploma

ADDITIONAL SKILLS

Language German (native), English (business fluent), Swedish (extended)

Computer Mastery of Microsoft Office programs (Word, Excel and PowerPoint), Experience with IBM SPSS Statistics, SigmaPlot, EndNote, Prism, ImageJ, Labfolder, Slack

Further education 2020 · GMP in Analytic QC (Part 1-2), CONCEPT HEIDELBERG GmbH, Germany

2020 · Project management: The Basics for Success, University of California (UCI), USA

2019 · Antibody-based technologies, SciLifeLab, Sweden

2018 · Hands on Immunofluorescence, SciLifeLab, Sweden

2018 · Training in Fire Prevention, by Wittberg Consulting AB at KTH, Sweden

Driving license

AM, A1, A, B, C1, BE, C1E, CE, L