

CURRICULUM VITAE



Personal Information:

Name: **Christine Mölzer**
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Date of Birth: Jan 28th, 1983 in Vienna
Citizenship: Austria

Current position:

Since Apr 2009, scientific employee (since May 2012 holding prae-doc position) at the Department of Nutritional Sciences, Faculty of Life Sciences, University of Vienna, co-worker within the FWF-Project (No. P21162) *“The physiological relevance of bile pigments: In vitro to in vivo evidence of anti-oxidant, anti-mutagenic, anti-carcinogenic potential and their mechanisms of action”*, PhD-student of Nutritional Sciences, tutor and lecturer at the Department of Nutritional Sciences.

Education:

July 2007	High School Diploma
Oct 2002 – July 2007	Study of Nutritional Sciences Faculty of Life Sciences, University of Vienna <u>Title of master thesis:</u> <i>“Anti-/Mutagenic and Anti-/Oxidative potential of heating products based on alanin, dextrin 10, glucose and maltose”</i> Supervisor: Univ.-Prof. Dr. Karl-Heinz Wagner
July 2007	Graduated as Mag. rer. nat. (Nutritional sciences)
Nov 2008	Graduated as Bakk. rer. nat. (Sports sciences)
Apr 2009 – Dec 2012	PhD student at the Department of Nutritional Sciences, Faculty of Life Sciences, University of Vienna <u>Title of dissertation:</u> <i>“Anti-mutagenic and anti-oxidative effects of novel bile pigments in in vitro assays”</i>
Dec 2012	Graduated as Dr. rer. nat. (Natural sciences)

Research activities abroad:

Oct 2007 – Dec 2007	Research visit, Department of Food Biosciences, University of Reading (UK)
May 2008 – Oct 2008	Research visit, Department of Food Biosciences, University of Reading (UK)
Oct 2011 – Dez 2011	Visiting staff, School of Medical Sciences, Griffith University (AUS)

Work Experience:

Since April 2009	Scientific Assistant at the Department of Nutritional Sciences, Vienna
Since Feb 2009	Tutor at the Department of Nutritional Sciences, Vienna
Since Nov 2010	Lecturer at the Department of Nutritional Sciences, Vienna

Professional Qualifications:

- Analytical skills: Cell cultures, bacterial batch cultures, Salmonella reverse mutation assay, Fluorescent in situ hybridization technique (FISH), Flow cytometry, SCGE (Comet) assay, Micronucleus assay, (Fluorescent-)Microscopy, Antioxidant capacity assays (TEAC, ORAC, FRAP)
- Designing of studies, experience with ethical commissions, statistics (SPSS), *in vitro* trials
- PC skills: Word, Excel, Power Point, statistics and graphic programs
- Languages: German (first language), English (fluent), French (good knowledge)
- Experience in planning and execution of meetings and conferences
- Supervision and mentoring of master- and diploma students
- **Co-evaluation of determined diploma- and master theses:**

The anti-mutagenic and antioxidative potential of bilirubin dimethyl ester and biliverdin dimethyl ester in the Ames Salmonella assay (Gesa Ziesel)

The antimutagenic and antioxidant potential of stercobilin and urobilin in the Ames Salmonella test (Andrea Steyrer)

Antimutagenic and antioxidative effects of specific bile pigments in the Salmonella Ames Assay (Hedwig Huber)

Untersuchung der Effekte von Gallenpigmenten auf Caco 2 Zellen mittels SCGE Assay (Barbara Pfleger)

Die Wirkung von Tetrapyrrolen auf HepG2 Zellen im Comet Assay (Antonia Rossmann)

Investigation of porphyrin effects in Caco2 cells (SCGE assay) (Elisabeth Putz)

The effects of tetrapyrroles in HepG2 cells using Comet Assay (Ursula Schwarz)

Die anti-/mutagene Wirkung von Safranextrakten im Salmonella reverse mutation assay (Roland Holler)

Personal interests:

- Endurance sports (running, cycling, mountainbiking)
- Hiking, climbing and mountaineering
- Travelling
- Licensed massage-therapist (since May 2012)