

## PERSONAL INFORMATION

Carina Bergman

## WORK EXPERIENCE

January 2020–Present

**Swedish Alternate of the CVMP**

Swedish Medical Products Agency (Sweden)

April 2018–Present

**Non-clinical assessor (senior)**

Swedish Medical Products Agency (Sweden)

Assessing Marketing Authorisation Applications in all procedures.

Veterinary pharmaceuticals, user safety, environmental risk assessment, consumer safety including MRL-applications and withdrawal periods.

Human pharmaceuticals, non-clinical and environmental risk assessment.

National and central scientific advice.

November 2015–April 2018

**Chemical coordinator**

Boliden Mineral AB, Rönnskärsverken (Sweden)

Head of Local Chemical Group, participating in Corporate Chemical Group. Local administrator of chemical management system. Initiating and supporting Chemical Risk Assessments.

Coordinating REACH registrations. Member of REACH Cu and Se/Te consortia. Classification of chemical products, creating SDS.

Safety advisor Dangerous Goods (certified for ADR, RID, IMDG-code): advising on DG classification, packaging, labelling and marking, internal DG education.

Assuring compliance with national and EU Chemical (REACH, CLP), Seveso, Transport of waste, Work environment and DG legislations.

February 2011–October 2015

**Non-clinical assessor**

Swedish Medical Products Agency (Sweden)

Assessing Marketing Authorisation Applications in all procedures.

Veterinary pharmaceuticals, user safety, environmental risk assessment, consumer safety including MRL-applications and withdrawal periods.

Human pharmaceuticals, non-clinical and environmental risk assessment.

National and central scientific advice.

July 2009–January 2011

**RAM- Preclinical specialist**

Oasmia Pharmaceutical AB (Sweden)

Initiating, planning, designing, procuring and coordinating of preclinical studies, including target animal safety studies, for the purpose of marketing authorisation of human and veterinary pharmaceuticals.

Coordination, collection, development, review and approval of pre-clinical documentation. Writing non-clinical expert summaries and parts of product information for the purpose of marketing authorisation of human and veterinary pharmaceuticals.

November 2003–July 2009

**Non-clinical assessor**

Swedish Medical Products Agency (Sweden)

Assessing Marketing Authorisation Applications in all procedures.

Veterinary pharmaceuticals, user safety, environmental risk assessment, consumer safety including MRL-applications and withdrawal periods.

Human pharmaceuticals, non-clinical and environmental risk assessment.

National and central scientific advice.

## EDUCATION AND TRAINING

August 1998–June 2003

**PhD Environmental Toxicology**

Uppsala University (Sweden)

Rodent toxicology (ADME, histopathology, behavioural, QSAR)  
Fish metabolism (in vitro gill cell studies)

Teaching undergraduate students in Toxicology and Ecotoxicology

August 1987–June 1990

**MSc Biology**

Uppsala University (Sweden)

General Chemistry  
Organic Chemistry  
Physical Chemistry  
Biochemistry  
General Biology  
Cellular Biology  
Genetics  
Radiation Biology  
Genetic Toxicology  
General Toxicology  
Environmental Toxicology

January 2017–December 2017

**Distance Course, part time**

Stockholm University (Sweden)

Geology and Physical Geography, 30 hp

## ADDITIONAL INFORMATION

## Expertise

## Publications

M.E Jönsson, **C. Carlsson**, R.W Smith, P. Pärt "Effects of copper on CYP1A activity and epithelial barrier properties in the rainbow trout gill" *Aquatic Toxicology*, Volume 79, Issue 1, 12 August 2006, Pages 78-86

**C. Carlsson**, A-K Johansson, G. Alvan, K. Bergman, T. Kühler "Are pharmaceuticals potent environmental pollutants?: Part I: Environmental risk assessments of selected active pharmaceutical ingredients" *Science of the total environment*, Volume 364, Issues 1-3, 1 July 2006, Pages 67-87

**C. Carlsson**, A-K Johansson, G. Alvan, K. Bergman, T. Kühler "Are pharmaceuticals potent environmental pollutants?: Part II: Environmental risk assessments of selected pharmaceutical excipients" *Science of the total environment*, Volume 364, Issues 1-3, 1 July 2006, Pages 88-95

A. Franzén, **C. Carlsson**, V. Hermansson, M. Lang, EB Brittebo "CYP2A5-mediated activation and early ultrastructural changes in the olfactory mucosa: studies on 2,6-dichlorophenyl methylsulphone" *Drug Metab Dispos.* 2006 Jan;34(1):61-8

**C. Carlsson**, M. Harju, F. Bahrami, T. Cantillana, M. Tysklind, I. Brandt "Olfactory mucosal toxicity screening and multivariate QSAR modeling for chlorinated benzene derivatives" *Arch Toxicol.* 2004 Dec;78(12):706-15

**C. Carlsson**, A. Fredriksson, I. Brandt "2,6-dichlorophenyl methylsulphone induced behavioural impairments in rats and mice in relation to olfactory mucosal metaplasia" *Pharmacol Toxicol.* 2003 Oct;93(4):156-68

A. Franzén, **C. Carlsson**, I. Brandt, EB Brittebo "Isomer-specific bioactivation and toxicity of dichlorophenyl methylsulphone in rat olfactory mucosa" *Toxicol Pathol.* 2003 Jul-Aug;31(4):364-72

**C. Carlsson**, F. Bahrami, A. Fredriksson, I. Brandt "Behavioural changes related to olfactory mucosal metaplasia and bulbar glial fibrillary acidic protein (GFAP) induction in methylsulphonyl-dichlorobenzene-treated mice" *Arch Toxicol.* 2002 Aug;76(8):474-83

**C. Carlsson**, P. Pärt "7-ethoxyresorufin O-deethylase induction in rainbow trout gill epithelium cultured on permeable supports: asymmetrical distribution of substrate metabolites" *Aquatic Toxicol.* 2001

Sept;54(1-2):29-38

I. Leguen, **C. Carlsson**, E. Perdu-Durand, P. Prunet, P. Pärt, J.P Cravedi "Xenobiotic and steroid biotransformation activities in rainbow trout gill epithelial cells in culture" Aquatic Toxicol. 2000 March;48(2-3):165-176

**C. Carlsson**, P. Pärt, B. Brunström "7-ethoxyresorufin O-deethylase induction in cultured gill epithelial cells from rainbow trout" Aquatic Toxicol. 1999 Nov;47(2):117-128

#### Projects

#### Memberships

Swedish Alternate of the CVMP (Jan 2020 - ongoing)

Swedish delegate of the EMA/CVMP/SWP (Safety Working Party) 2014- 2015

Swedish delegate of the EMEA/CVMP/SWP (Safety Working Party) 2007-2009

Swedish delegate of the EMEA/CVMP/ERAWP (Environmental Risk Assessment Working Party) 2006-2009

Board member of Swedish Society of Toxicology 2006-2008

#### Other Relevant Information