

# CURRICULUM VITAE – ANDERS KARLÉN

Name: **Anders Karlén**

Department address: Medicinal Chemistry, BMC, Box 574, S-751 23 Uppsala

Born: January 19, 1959

Civil status: Married to Maria Karlén, 4 children

Nationality: Swedish

## Professional preparation

Master of Science in Pharmacy	Uppsala University	1984
PhD, Faculty of Pharmacy	Uppsala University	1989
Postdoctoral fellow	School of Pharmacy, University of Lausanne	1990
Associate Professor (Docent)	Uppsala University	2001
Full Professor	Uppsala University	2007

Doctorial Dissertation: 1989 in Medicinal chemistry. Title: Dopaminergic 2-Aminotetralins and Related Compounds. A Molecular Mechanics Based Study. Supervisor: Uli Hacksell

## Appointments

Assistant research fellow	Dept. Org. Pharm. Chem., Uppsala University	1985-88
Bengt Lundqvist Scholarship	Dept. Org. Pharm. Chem., Uppsala University	1989
Research associate	Dept. Org. Pharm. Chem., Uppsala University	1991-98
Researcher	Dept. Org. Pharm. Chem., Uppsala University	1998-03
Director of studies (50%)	Dept. Org. Pharm. Chem., Uppsala University	2004-13
Lecturer Medicinal Chemistry	Dept. Org. Pharm. Chem., Uppsala University	2003-2007
Deputy Head of Department	Dept. Org. Pharm. Chem., Uppsala University	2011-2018
Head of Department	Dept. Medicinal Chemistry, Uppsala University	2018-

## PhD student supervision

I have acted as main supervisor for 11 PhD students.

## Post-Doc supervision

I have acted as main supervisor for > 15 Post-docs.

## Commissions of trust

Member of the Faculty board	1985-87, 95-96
Deputy chair of the committee for student education (GRUFF), at the faculty of Pharmacy, Uppsala University	2008-2014
Chairman of the Docent committee within the Disciplinary Domain of Medicine and Pharmacy	2008-2017
Chair of the board of the Medicinal Chemistry Section of the Swedish Academy of Pharmaceutical Sciences	2001-
Member of the EFMC council	2008-2016
Chair EFMC EU policy group	2014-
Secretary Executive Committee EFMC	2017-
Chair of the organizing committee for annual workshops in Computational chemistry	1993-2008
Chair, organizing committee Frontiers in Medicinal Chemistry, Stockholm	2011
Chair, organizing committee Frontiers in Antibacterial Drug Discovery, Stockholm	2016, 2019
“Inspektor” Pharmaceutical Student Union, Uppsala	2014 -

**Publications**

January 2020: 112 publications in international refereed journals (3683 citations, H-index=33).

**Ph.D. student examination**

I have acted as Ph.D. thesis examiner 8 times

**Research interest**

Anders Karlén specializes in the field of computational medicinal chemistry and focuses on hit identification and lead development in drug discovery. His group works closely with synthetic medicinal chemists on targets of importance in infectious diseases with a focus on Tuberculosis, Malaria and gram-negative infections. Several of these projects have been run within EU framework 6 and 7 programmes. He is presently the overall medicinal chemistry project leader for drug discovery efforts currently directed at five different anti-bacterial targets. Since February 2014 he is the Leader of the Managing Entity and co-coordinator of the €85 million, 7 year, Innovative Medicines Initiative (IMI) project ENABLE (European Gram Negative Antibacterial Engine). Since 2019 he is the coordinator of the €25 million, 6-year, IMI-2 project COMBINE which is part of the IMI AMR Accelerator.