



## Curriculum Vitae

Personal information **Erik Melander**

### Work experience

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(1)Employer: Swedish Medical Products Agency

Start date: 022025

Position: Pharmacokinetic Assessor

Activities: Contributing to review processes for drugs, with focus on pharmacokinetics

Country: Sweden

(2)Employer: Uppsala University

Start date 072019

End date 072021

Position: Lecturer in Pharmacokinetics

Activities: Lecturing and course management of courses in pharmacokinetics for BSc and MSc students

(3)Employer: Uppsala University

Start date 022022

End date 122024

Position: Researcher in Pharmacokinetics and Bioanalysis

Activities: Involved in research activities regarding the transfer of medicines to human breast milk - pharmacokinetic evaluation and bioanalysis of clinical samples from lactation studies

### Education and training

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(1)Subject: Uppsala University

Start date: 032014

End date: 022022

Qualification: PhD in Pharmaceutical Science

Organisation: A pharmacokinetic approach to intra-brain distribution with a focus on cyclic peptides

Country: Sweden

(2)Subject: Uppsala University

Start date: 092009

End date: 012014

Qualification: Master Programme in Pharmacy

Organisation: No formal degree awarded. Studied 4.5 years at the programme which was the formal requirement at the time to become a PhD student.

Country: Sweden

### Additional information

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#### Publications

Melander, E., Nielsen, E. I., Lindqvist, A., Hovd, M., Gandia, P., Panchaud, A., ... Nordeng, H. (2024). Population pharmacokinetic modelling of cetirizine concentrations in human breast milk: A contribution from the *ConcePTION* project. *Basic & Clinical Pharmacology & Toxicology*. Epub ahead of print. <https://doi.org/10.1111/bcpt.14100>

Nordeng, H., Wegler, C., Lindqvist, A., Melander, E., Magnusson, M., Gandia, P., ... Spigset, O. (2024). Transfer of cetirizine/levocetirizine into human breast milk and estimation of drug exposure to infants through breastfeeding: A human lactation study from the *ConcePTION* project. *Basic & Clinical Pharmacology & Toxicology*, 134(1), 153–164. <https://doi.org/10.1111/bcpt.13948>

Melander, E., Eriksson, C., Wellens, S., Hosseini, K., Fredriksson, R., Gosselet, F., ... Loryan, I. (2023). Differential Blood-Brain Barrier Transport and Cell Uptake of Cyclic Peptides In Vivo and In Vitro. *Pharmaceutics*, 15(5). <https://doi.org/10.3390/pharmaceutics15051507>

Melander, E., Eriksson, C., Jansson, B., Göransson, U., & Hammarlund-Udenaes, M. (2016). Improved method for

quantitative analysis of the cyclotide kalata B1 in plasma and brain homogenate. *Biopolymers*, 106(6), 910–916.  
<https://doi.org/10.1002/bip.22984>

Loryan, I., Melander, E., Svensson, M., Payan, M., König, F., Jansson, B., & Hammarlund-Udenaes, M. (2016). In-depth neuropharmacokinetic analysis of antipsychotics based on a novel approach to estimate unbound target-site concentration in CNS regions: *link to spatial receptor occupancy*. *Molecular Psychiatry*, 21(11), 1527–1536.  
<https://doi.org/10.1038/mp.2015.229>

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