



## Curriculum Vitae

Personal information **Elli Tyrkkö**

### Work experience

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June 01 2023 - Present: **Senior Scientist**, Fimea (Finnish Medicines Agency), Finland

- Assessment of the quality of the marketing authorization applications

September 2022 - May 2023: **Medical Affairs Specialist**, Orion Corporation Orion Pharma, Finland

- Drug product, and medical device life-cycle management, answering to the medical information inquiries

December 2016 - September 2022 & January 2014 - August 2014: **Research Scientist**, Orion Corporation Orion Pharma, Finland

- Drug metabolism research with relevant analytical techniques, especially mass spectrometry, method development and appliance.

September 2014 - December 2016: **Toxicologist**, Swedish National Board of Forensic Medicine, Sweden

- Reporting post-mortem toxicology results, writing expert opinion reports, scientific research.

May 2009 - December 2013: **Postgraduate Student**, University of Helsinki, Department of Forensic Medicine, Finland

- Research and teaching, services of the Toxicology laboratory.

2007-2010: **Research Assistant** and **Part-time Teacher**, University of Helsinki, Finland

- Research and teaching, services of the Toxicology laboratory.

2004-2014: **Pharmacist**, different pharmacies in Helsinki, Finland

- Pharmacist's work assignments.

### Education and training

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2009 - 05/2014

Doctor of Philosophy, University of Helsinki, Faculty of Medicine, Finland

2005 - 03/2009

Master of Science (Pharmacy), University of Helsinki, Faculty of Pharmacy, Finland  
Major subject: pharmaceutical chemistry (excellent knowledge)

2002 - 05/2005

Bachelor of Science (Pharmacy), University of Helsinki, Faculty of Pharmacy, Finland

1998 - 12/2001

Undergraduate student, Töölö high-school, Helsinki, Finland

### Additional information

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#### Publications

Tyrkkö E, Andersson M, Kronstrand R (2016) The toxicology of new psychoactive substances; Synthetic cathinones and phenylethylamines. *Ther. Drug Monit.* 38:190-216

Tyrkkö E, Pelander A, Ketola RA, Ojanperä I (2013) In silico and in vitro metabolism studies support identification of designer drugs in human urine by liquid chromatography/quadrupole-time-of-flight mass spectrometry. *Anal. Bioanal. Chem.* 405:6697-6709

Tyrkkö E, Pelander A, Ojanperä I (2012) Prediction of liquid chromatographic retention for differentiation of structural isomers. *Anal. Chim. Acta* 720:142-148

Tyrkkö E, Pelander A, Ojanperä I (2010) Differentiation of structural isomers in a target drug database by LC/Q-TOFMS using fragmentation prediction. *Drug Test. Analysis* 2:259-270

Pelander A, Tyrkkö E, Ojanperä I (2009) In silico methods for predicting metabolism and mass fragmentation applied to quetiapine in liquid chromatography/time-of-flight mass spectrometry urine drug screening. *Rapid Commun. Mass Spectrom.* 23:506-514

#### Projects

#### Memberships

Other Relevant Information