

**Personal Information**

Full name	Wallén, Erik Aarne Anders
Date and place of birth	10.09.1971, Yymi (Finland)
Gender	Male
Nationality	Finnish
Family	Wife and son (b. 2014)
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**Education and Degrees Awarded**

Adjunct Professor (Dosentti)	Medicinal Chemistry, 18.06.2007, Faculty of Pharmacy, University of Helsinki
Ph.D. (Filosofian tohtori)	Pharmaceutical Chemistry / Medicinal Chemistry, 26.09.2003), Department of Pharmaceutical Chemistry, University of Kuopio (Finland) <i>Title of doctoral thesis: Design and Synthesis of Novel Prolyl Oligopeptidase Inhibitors</i> <i>Supervisors of doctoral thesis: Prof. Jukka Gyntner and Dr. Johannes Christiaans</i>
M.Sc. (Filosofian maisteri)	Organic Chemistry, 12.09.1997, Department of Chemistry, University of Helsinki

**Linguistic Skills**

Swedish	Native speaker, mother tongue and school education
Finnish	Native speaker, comparable skills to mother tongue
English	Fluent
Dutch	Basic communication skills

**Current Position**

University Lecturer (Yliopistonlehtori)	01.08.2006–, Division of Pharmaceutical Chemistry, University of Helsinki <i>On a leave from this position for the time of Post-Doctoral Researcher funded by the Academy of Finland 01.08–31.12.2016 and 01.03.2007–31.10.2008, and Parental leave 01.09.2014–31.05.2015</i>
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**Previous Work Experience**

- Post-Doctoral Researcher (Tutkijatohtori) funded by the Academy of Finland 01.09.2005–31.10.2008, Department of Pharmaceutical Chemistry, University of Kuopio (01.09.2005–31.12.2006) and Division of Pharmaceutical Chemistry, University of Helsinki (01.03.2007–31.10.2008)
- Visiting Post-Doctoral Researcher in the research group of Prof. Kristina Luthman 01.09.2005–30.11.2006, Department of Chemistry and Molecular Biology, University of Gothenburg (Sweden)
- Post-Doctoral Researcher (Erikoistutkija) 01.09.2003–31.08.2005, Department of Pharmaceutical Chemistry, University of Kuopio
- Post-Doctoral Researcher 16.05.2002–31.08.2003, Altana Pharma bv, The Netherlands; officially employed via the Vrije Universiteit, Amsterdam (The Netherlands)

- Doctoral Student (Tutkija) 01.02.1998-15.05.2002, Department of Pharmaceutical Chemistry, University of Kuopio
- Teaching Assistant (Assistentti) 02.06–31.12.1997, Department of Chemistry, University of Helsinki
- Trainee (Harjoittelija) 01.06–15.08.1995, 01.06–31.08.1996 and 10.03–30.04.1997, Department of Chemistry, University of Helsinki

### **Research Funding, Leadership and Supervision**

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#### Major grants

- Post-Doctoral Grant of the Academy of Finland, 01.08.2005–31.12.2008, 156 090 €
- General Research Grant of the Academy of Finland, 01.01.2009–31.12.2012, 228 000 €
- 3-Year Research Grant of the University of Helsinki, 01.01.2009–31.12.2011, 120 000 €

#### PI position in research projects

- Prolyl oligopeptidase inhibitors, 2003–2006, Department of Pharmaceutical Chemistry, University of Kuopio
- Human sirtuin 2 inhibitors, 2003–2006, Department of Pharmaceutical Chemistry, University of Kuopio
- Mimetics of human kallikrein 3 activating peptides, 2007–, Faculty of Pharmacy, University of Helsinki
- Mimetics of orexin peptides, 2013–, Faculty of Pharmacy, University of Helsinki

#### Supervised post-doctoral researchers

- Dr. Andrew Tadd (Ph.D. 2009 from Oxford University, UK) 01.06.2009–28.02.2011, Faculty of Pharmacy, University of Helsinki

#### Supervised doctoral theses, all as an officially appointed first supervisor

- Elina Jarho, Faculty of Pharmacy, University of Kuopio (Ph.D. 2007)
- Päivi Kiviranta, Faculty of Pharmacy, University of Kuopio (Ph.D. 2008)
- Kristian Meinander, Faculty of Pharmacy, University of Helsinki (Ph.D. 2014)
- Teppo Leino, Faculty of Pharmacy, University of Helsinki (started as doctoral student in 2013)

#### Supervised master theses

In total 17 supervised M.Sc. thesis starting from 1999

### **Merits in Teaching and Pedagogical Competence**

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#### Teaching Experience

Regular teaching of courses in organic chemistry, pharmaceutical chemistry and medicinal chemistry starting from 1997 at the University of Helsinki (1997 and 2007–) and the University of Kuopio (1998–2005)

#### University entrance exam compilation

- Chemistry questions, Faculty of Pharmacy, University of Kuopio (2004 and 2005)
- Pharmaceutical chemistry questions, Faculty of Pharmacy, University of Helsinki (2007, 2008, 2009, 2010, 2011 and 2012)

#### Text books

- Jarho P, Laine K, Lindeke B, Rautio J, Vuorensola K, Wallén E, Wikberg T: Farmaseuttisen kemian perusteet. Farmasian opiskelijayhdistys Fortis ry (2013)

#### Teaching awards

- Teacher Award for “Distinguished and student-centered teaching” Yliopiston Farmasiakunta ry (the student organization in pharmacy at the University of Helsinki, 2011)
- Innoopeli Award for Good Teaching for “Long-term development of teaching at the division of pharmaceutical chemistry” (award shared with Katariina Vuorensola and Jari Yli-Kauhaluoma), Faculty of Pharmacy, University of Helsinki (2011)

#### University pedagogical training

- University Pedagogy I, 10 credits, University of Helsinki (2010)

### Scientific Awards

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- Young Scientist Award for an “Outstanding doctoral study at the University of Kuopio”, National Graduate School in Pharmaceutical Sciences (2004)

### Other Academic Merits

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#### Pre-examiner of doctoral thesis in Finland

- Anna Minkkilä (06.02.2010), School of Pharmacy, Faculty of Health Sciences, University of Eastern Finland
- Liwei Liu (24.10.2014), Department of Food and Environmental Sciences, Faculty of Agriculture and Forestry, University of Helsinki
- Christopher Lood (03.07.2015), Department of Chemistry, School of Chemical Technology, Aalto University (Finland)
- Jayendra Patel (19.09.2015), School of Pharmacy, Faculty of Health Sciences, University of Eastern Finland

#### Member of Ph.D. evaluation committee outside Finland

- Marcus Tullberg (08.12.2006), Department of Chemistry, University of Gothenburg

#### Reviewer of adjunct professorship applications in Finland

- Dr Juha Pulkkinen (2013), School of Pharmacy, Faculty of Health Sciences, University of Eastern Finland

#### Evaluation of funding applications

- Research Foundation Flanders (Belgium)
- University of Helsinki
- Finnish Pharmaceutical Society

#### Referee tasks for scientific journals

Regular reviewer for Bioorganic and Medicinal Chemistry, Bioorganic and Medicinal Chemistry Letters, ChemBioChem, ChemMedChem, Current Medicinal Chemistry, European Journal of Pharmaceutical Sciences, Journal of Medicinal Chemistry, Organic & Biomolecular Chemistry, and Synlett

#### Invited speaker in symposia

- Medicinal Chemistry Symposium of the Section of Medicinal Chemistry of the Royal Netherlands Chemical Society, Amsterdam, The Netherlands, March 5, 2004
- 8th Finnish Peptide Symposium, Kuopio, Finland, June 7-8, 2007
- 3rd International Conference on Dipeptidyl Peptidases and Related Proteins, Antwerp, Belgium, April 23-25, 2008
- 10th Finnish Peptide Symposium, Tahko, Finland, February 17-18, 2011
- XII Spring Meeting of the Division of Synthetic Chemistry, Jyväskylä, Finland, June 7-8, 2011
- 22nd Summer School of the University of Jyväskylä, Jyväskylä, Finland, August 23, 2012

#### Activity in scientific organizations

- Member of Finnish Pharmaceutical Society
  - Executive committee member of the Finnish Pharmaceutical Society 2009-2013
  - Chairman of the 2010 founded Medicinal Chemistry Committee of the Finnish Pharmaceutical Society 2010-2013
  - Delegate of Finland in the council meeting of European Federation for Medicinal Chemistry 2011-2013
  - Member of the scientific advisory board of the European Federation for Medicinal Chemistry International Symposium on Medicinal Chemistry, 2010 and 2012
  - Evaluation committee member for European Federation for Medicinal Chemistry Prize for Young Medicinal Chemist in Academia 2012
- Member of BioBio Society and Finnish Peptide Society (a division of BioBio Society)
  - Executive committee member of the Finnish Peptide Society 2011-2015
- Member of Finnish Chemical Society

- Member of American Chemical Society
- Chairman of the organizing committee of the two first FinMedChem symposia, 2011 and 2013
- Member of Evaluation Panel (Panel 11, including pharmacy and medicinal chemistry) in the Publication Forum Project, Federation of Finnish Learned Societies (2014–)

### **Scientific and Societal Impact of Research**

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#### Scientific articles

In total 29 A1 journal articles with 568 citations (without self-citations 514), average number of citations 19.59, h-index 15. As first name on 6 articles, second name on 3 articles, and last name (position of PI) on 10 articles.

#### Invention disclosures and patents

1. Gynther J, Männistö PTM, Wallén EAA, Christiaans JAM, Forsberg MM, Poso A, Venäläinen JI, Helkala EM: Compounds having prolyl oligopeptidase inhibitory activity, methods for their preparation and their use. FI20010001466 (04.07.2001), WO2002FI00607 (04.07.2002)
2. Gynther J, Wallén EAA, Jarho EM, Männistö PTM, Forsberg MM, Poso A, Christiaans JAM, Venäläinen JI, Vepsäläinen J, Saarinen TJ, Järvinen T: Compounds having prolyl oligopeptidase inhibitory activity. FI20030000014 (03.01.2003), WO2004FI00001 (02.01.2004)

### **Activity in University, Faculty or Department Level Committees**

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- Student representative in the Steering Committee (Johtoryhmä) of the Department of Chemistry, University of Helsinki (1995–1998)
- Member of the Steering Committee (Johtoryhmä) of the Master Program in Medicinal Chemistry between the University of Jyväskylä and the University of Kuopio (1999–2002 and 2003–2005)
- Member (or substitute) of the Admissions Board (Valintalautakunta) of the Faculty of Pharmacy, University of Helsinki (2007–)
- Member (or substitute) of the Study Committee (Opintotoimikunta/Opintoasiaintoimikunta) of the Faculty of Pharmacy, University of Helsinki (2007–)
- Member of the Planning committee (Suunnitteluryhmä) of the Faculty of Pharmacy, University of Helsinki (2007-2009)
- Member of the Steering Committee (Johtoryhmä) for the Researcher Track in the M.Sc. Program in Pharmacy, Faculty of Pharmacy, University of Helsinki (2012–)
- Member of the Steering Committee (Johtoryhmä) of the Doctoral Programme in Chemistry and Molecular Sciences, University of Helsinki (2013–)
- Member of the Planning Group for the Process of the Reform of the M.Sc. Program in Pharmacy (Proviisorikoulutuksen uudistamisprosessin suunnitteluryhmä), Faculty of Pharmacy, University of Helsinki (2015–)

### **Most Important Administrative Tasks**

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- Coordinator 01.08.1999–15.05.2002, Master Program in Medicinal Chemistry (Lääkeainekemian maisteriohjelma) between the University of Jyväskylä and the University of Kuopio
- Director 01.09.2003–31.08.2005, Master Program in Medicinal Chemistry (Lääkeainekemian maisteriohjelma) between the University of Jyväskylä and the University of Kuopio
- Director of the synthetic laboratory of the Pharmaceutical and Medicinal Chemistry Research Group 01.09.2003–31.08.2005, Department of Pharmaceutical Chemistry, University of Kuopio, Finland
- Director of the Drug Design and Synthesis Laboratory at the Drug Research and Development Centre 01.01.2004–31.08.2005, Faculty of Pharmacy, University of Kuopio
- Director of the Drug Discovery Unit at the Division of Pharmaceutical Chemistry and Technology (01.01.2014–31.08.2014 and 1.6.2015–), Faculty of Pharmacy, University of Helsinki