

FILE

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Academic education

1986 M.Sc. (Biochemistry), University of Kuopio
1990 Ph.D. (Neurochemistry), University of Kuopio
1993 Docent (Neurobiology), University of Kuopio

Work career (major positions)

1988 – 1994 (5,5 years) Academy of Finland: Research Assistant, Junior Research Fellow

Nominations have been based on the competition and JRF post included research grant.

Research interests of work done at the Department of Neurology, University of Kuopio, involved the cholinergic system in aging and dementia as studied from post-mortem samples using neurochemistry (PhD thesis in 1989), and the role of noradrenergic alpha-2 adrenoceptors and serotonin system in attention and working memory studied using pharmacological manipulations in behaving animals. Part of the work was done in the collaboration with Orion-Farmos, Turku, Finland.

1993-1994 (13 months) Lynch Lab, University of California, Irvine: Visiting Research Fellow

Research interest involved the effect of novel memory enhancing drugs, ampakines, on polysynaptic transmission in the hippocampus as studied using electrophysiology in acute slices.

1995-1998 (4 years) University of Kuopio, AIVI: Research Director in Cognitive Neurobiology

1996-1998 (2,5 years) Academy of Finland: Senior Research Fellow

Research interests of the Sirviö lab at A.I Virtanen Institute involved the neuropharmacology of attention and memory studied using pharmacological manipulation of behaving animals, ex vivo neurochemistry and pharmacological manipulation in acute brain slices.

Part of the work was done in the collaboration Orion Pharma, Orion Corporation, Finland and NeuroSearch A/S, Glostrup, Denmark.

1999-2007 (8 ¾ years) Orion Pharma, Orion Corporation: Laboratory Manager (CNS pharmacology), Research Manager (CNS pharmacology), Head of Nonclinical CNS Research

Duties included planning, budgeting, supervision and follow-up of work in in vitro and in vivo CNS research laboratories; team leadership of CNS drug discovery projects aiming at new nonclinical development candidates; participation in nonclinical R&D management team, nonclinical IPR steering team and internal committee on Research Animal Ethics; planning, budgeting, supervision, reporting of technology grant projects funded by Finnish National Technology Agency; participation in CNS therapy area strategy group work as the member of CTA-CNS Business team; participation in CNS drug in-licensing process with expertise in company strategy and vision on CNS therapy area, market needs, CNS pharmacology and valuation of early projects.

CNS therapy area vision includes strong competence in the schizophrenia and Parkinson's disease.

Participated in internal and external training in CNS drug development, acting as a superior-training course, IPR protection, practice in agreements and business development.

Participated three times in BIO meetings in US which provided practical experience in negotiating on early contacts for in-licensing.

1.10. 2007 – Independent consultant

Competence includes scientific writing, CNS drug discovery and early development as regards to evaluation and valuation of innovations and early projects within the area of CNS pharmaceuticals, proposal for alternatives for commercialization of innovations, planning of development and business strategy in early phase CNS projects, consultation in the commence of project plans, support in the preparation of investor material and funding negotiations.

Academic career

Published more than 100 academic, peer-reviewed publications in international journals in the field of brain research and neuropharmacology. The periodicals includes journals such as the Cerebral Cortex, Neuroscience, Neuropharmacology, Psychopharmacology and British Journal of Pharmacology.

Supervised five academic thesis dealing with behavioural neuropharmacology.

Published in Finnish written articles on brain research and memory in journals and magazines such as Duodecim, Psykologia, Tiede2000 and Mitä-Missä-Milloin year book (1993, 1994).

Organisational duties (major)

1988-1992 Secretary and Member of Council of Brain Research Center Kuopio

2003-2008 Member of Council of Brain Research Society Finland

2005-2008 Member of Board of Neuroscience Research Center at University of Helsinki

Awards

1990 Young Investigator Award, City of Kuopio