

BRIEF CURRICULUM VITAE

(Updated: October 19, 2018)

LAST NAME: **PERTOVAARA**FIRST NAME: **ANTTI**

BORN: Helsinki, Finland, 1953

CITIZENSHIP: Finland

LANGUAGES: Finnish, English, Swedish, German

CURRENT POSITION:

Professor of Physiology, Faculty of Medicine,
University of Helsinki, Helsinki, Finland (tenure: 2010) 2004 =>

EDUCATION AND TRAINING:

Licentiate of Medicine, Univ. Helsinki (= M.D. + internship) 1978
License to practice medicine in Finland 1978
ECFMG-examination, USA 1979
VQE-examination (= NBME I & II), USA 1980
Ph.D. (neurophysiology), Univ. Helsinki 1982
Title of Docent in Physiology (=Adjunct Prof.), Univ. Helsinki 1984
Title of Docent in Physiology (=Adjunct Prof.), Univ. Turku, Finland 2010
Adjunct Prof. in Translational Medicine, Yan'an Univ., China 2018-23

PREVIOUS PROFESSIONAL APPOINTMENTS

House Officer (= resident) in Internal Medicine (City Hosp.
Helsinki and Univ. Hosp. Tampere), total 15 months 1978-83
General Practitioner (Municip. Hlth. Serv., Bollnäs and
Västerås, Sweden), total 4 months 1978-81
Research and Teaching Associate in Physiology,
Univ. Helsinki, total 6 years 1975-85
Senior Lecturer in Physiology, Univ. Helsinki 1986-93
Associate Professor in Physiology, Univ. Helsinki
total 18 months 1989-90
Professor of Physiology (tenure), Univ. Turku, Turku, Finland
total 17 years 1993-2010

RESEARCH AWARDS

Senior Res. Scholar, Dept. Physiology, Univ. Michigan Med. Sch.,
Ann Arbor, MI, USA (NIH Fogarty Fellowship)
total 13 months 1986-87
Senior Scientist's Grant, Academy of Finland
total 36 months 1990-2004
Alexander-von-Humboldt Foundation (Germany) research
fellowship, II Physiol. Inst., Univ. Heidelberg, Germany
total 10 months 1991-92
Senior Research Fellow, Academy of Finland
total 3 years 1991-94
The Distinguished Scientist's Searle Award, Scandinavian
Association for the Study of Pain 2000
Senior Research Fellow of the Sigrid Jusélius Foundation,

Dept.Anesth.Intensive Care, Mass.General Hospital &
Harvard Med.Sch., Boston, MA, USA. Total 12 months 2001-02

MEMBERSHIPS AND TASKS IN SCIENTIFIC SOCIETIES

Finnish Physiological Society	1975-
Brain Research Society of Finland	1975-
-Secretary	1983-85
Scandinavian Physiological Society	1981-
-Member of the Executive Board	2000-08
International Association for the Study of Pain	1981-
The Society for Neuroscience	1987-
Federation of the European Physiological Societies	
-Member of the Nominating Committee	2006-10
Scandinavian Association for the Study of Pain	1984-
-Member of the Executive Board	2009-13

OTHER ACADEMIC AND PROFESSIONAL ACTIVITIES

Official external reviewer for 9 doctoral dissertations (see Tuhat for details)	
Official opponent for 7 doctoral dissertations in 4 countries (2x Sweden, 1x Denmark, 2x Portugal, 2x Finland; see Tuhat)	
Principal supervisor for 12 published doctoral dissertations (see Tuhat)	
+ co-supervisor for 3 published doctoral dissertations (see Tuhat)	
+ supervisor/co-supervisor for 2 doctoral theses in preparation	
Principal supervisor for 6 published Master´s Theses	
Principal supervisor for 6 completed undergraduate theses	
Member of 7 supervising committees of a doctoral thesis	
Advisor on the appointment of a docent (Adj. Professor) 4 times in 2 Universities in Finland, see Tuhat	
Advisor on the appointment of a Professor at 10 Universities in 7 countries (2x Sweden, 1x UK, 2x USA, 1x Malesia, 1x Estonia, 2x China, 2x Finland), see Tuhat for details	
Member of the Scientific Board of the Finnish Pain Res. Soc.	1999 =>
Course leader, neurobiology course, Univ. Turku	1994-04
Course leader, neurophysiology seminars, Univ.Turku	1994-04
Member of the committee for planning undergrad. curriculum in the Fac.Med., Univ.Turku	1998-99
Member of the committee assessing doctoral theses at the Faculty of Medicine, Univ. Turku	2004
Member of the committee assessing doctoral theses at the Faculty of Medicine, Univ. Helsinki	2010 =>
Chairman of the committee planning undergrad. neuroscience curriculum, Univ. Turku	2003
Chairman of the committee for appointment of the professor of Anatomy at the Univ. Helsinki	2010-11
Term leader, 2 nd semester medical studies, Univ.Turku	1998-99
Term leader, 3 rd semester medical studies, Univ.Turku	2003
Vice Director, Turku Neuroscience Center	2000-01
Course leader, Medical Neurobiology course, Univ.Helsinki	2004-09
Member of the Executive Board, Inst.Biomed., Univ.Helsinki	2004-07
Elected representative for the Junior Faculty at the Faculty of	

Medicine, Univ. Helsinki (2 years)	1989-90
Chairman of the Department, Univ.Turku (total 3 years)	1995-02
Chairman of the Department, Univ. Helsinki (> 10 years)	2004-07, 2010 =>

Invited lecturer at >30 international meetings (e.g., World Congress on Pain, Scand. Anesthesiology Meetings, Scand. Pain Meetings), and over 200 free oral or poster communications in international meetings.

For original publications (n = 230), international review articles (n=17), chapters in international textbooks (n=9), editorials in international science journals (n=8), other professional articles (n=38), and international patents (n=2 + 1 pending) see Tuhat.

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EDITORIAL BOARD MEMBERSHIPS:

Member of the Editorial Board, European Journal of Pharmacology	2002 =>
Associate Editor, PAIN	2005 =>
Member of the Editorial Board, CNS Neurosci. Ther. (ex-CNS Drug Reviews)	2006-11
Associate Editor, European Journal of Pain	2008 =>
Section Editor, Scandinavian Journal of Pain	2009 =>
Member of the Editorial Board, Pharmacological Research	2014 =>

Referee, ad hoc, in > 60 scientific journals (e.g., J.Physiology, J.Neuroscience) -during the last 10 years, peer-review of 45-60 manuscripts each year

Grant Reviewer, Ad hoc Committee, Div.Behav. & Neural.Sci. National Science Foundation, USA	1992
Grant Reviewer, Ad hoc Committee, International Science Foundation, Washington DC, USA	1994
Grant Reviewer, Wellcome Trust, U.K. (2x)	2001-09
Grant Reviewer, Univ. Helsinki Foundations (2x)	2004-12
Grant Reviewer, Parkinson's Disease Society, London, U.K.	2008
Grant Reviewer, Rustaveli Foundation / Georgian National Science Foundation, Tblisi, Georgia (7x)	2008-18
Grant Reviewer, National Science Foundation of Luxembourg (3x)	2009-11
Grant Reviewer, Medical Research Council, U.K. (2x)	2010-16
Grant Reviewer, The Research Grant Council of Hong Kong, China (3x)	2012-17
Grant Reviewer, Diabetes UK, UK	2013
Grant Reviewer, Agence National de Recherche, France	2013
Grant Reviewer, Israel Science Foundation, Israel	2018

For other activities (organization and participation in meetings, hosting visiting scientists, etc.), see Tuhat

TEACHING LOAD IN BASIC COURSE OF MEDICAL PHYSIOLOGY

During the last > 15 years, 60-80 contact teaching hours annually (lectures + small-group teaching) in undergraduate course of medical physiology

FUNDING DURING THE LAST YEARS (2003 =>)

Academy of Finland (2018-2022)	€450 000
Sigríd Jusélius Foundation, Helsinki, Finland (2017-2020)	€150 000
University of Helsinki 375 th Anniversary Grant (2015-2016)	€ 40 000
Sigríd Jusélius Foundation, Helsinki, Finland (2014-2017)	€130 000
Academy of Finland (2010-2014)	€400 000
Sigríd Jusélius Foundation, Helsinki, Finland (2012-2014)	€ 92 000
Abbott Labs, Abbott Park, Illinois, USA (2012-2013)	\$ 80 000
Academy of Finland (2006-2009)	€177 500
OrionPharma, Turku/Espoo, Finland (2007-2009)	€144 000
Academy of Finland (2005-2007)	€257 910
Sigríd Jusélius Foundation, Helsinki, Finland (2003-2007)	€179 000
Academy of Finland (2003-2004)	€183 000