

KUOPIO NEUROSURGERY

Neurosurgery of KUH NeuroCenter
KUH Kuopio University Hospital / Kuopio Finland
www.psshp.fi/web/en/medical-care/neuro-center
Chair Professor Matti Vapalahti 1976 – 2003
Chair Professor Juha E Jääskeläinen 2004 –



PhD Theses

Petros Karamanakos MD PhD 2014

Subarachnoid Hemorrhage from Saccular Intracranial Aneurysm in Eastern Finnish Population – Risk Factors for 12 Month Mortality, Impact of Endovascular Treatment in the Elderly and Impact of Enteral vs. Intravenous Nimodipine
Opponent Professor Jay Max Findlay / University of Alberta / Edmonton Canada
Neurosurgery / UEF University of Eastern Finland

Mitja Kurki PhD 2013

Genomics and Bioinformatics Approaches in Search of Molecular Pathomechanisms of Saccular Intracranial Aneurysm, a Complex Disease
http://epublications.uef.fi/pub/urn_isbn_978-952-61-1311-1/urn_isbn_978-952-61-1311-1.pdf
Opponent Professor Miikka Vikkula / de Duve Institute / Brussels Belgium
Neurosurgery and Neurobiology / UEF University of Eastern Finland

Antti Lindgren MD PhD 2013

Eastern Finnish Saccular Intracranial Aneurysm Disease – Role of Type 2 Diabetes and Hypertension, Temporal Pattern of Incidence
http://epublications.uef.fi/pub/urn_isbn_978-952-61-1204-6/urn_isbn_978-952-61-1204-6.pdf
Opponent Professor Tor Ingebrigtsen / University of North Norway / Tromso Norway
Neurosurgery / UEF University of Eastern Finland

Terhi Huttunen MD PhD 2012

Saccular Intracranial Aneurysm Disease in Eastern Finnish Population – Phenotype on Admission Long-term Excess Mortality, Risk of Cancer
http://epublications.uef.fi/pub/urn_isbn_978-952-61-0806-3/urn_isbn_978-952-61-0806-3.pdf
Opponent: Professor Gabriel Rinkel / Neurology of UMC Utrecht / Utrecht Netherlands
Neurosurgery / UEF University of Eastern Finland

Stepani Bendel MD PhD 2010

Pituitary and Adrenal Responses to Critical Illness
http://epublications.uef.fi/pub/urn_isbn_978-952-61-0101-9/urn_isbn_978-952-61-0101-9.pdf
Opponent: Professor Jukka Takala / University Hospital of Bern / Bern Switzerland
Anesthesiology and Intensive Care / UEF University of Eastern Finland

Paula Bendel MD PhD 2010

Imaging of the Brain After Aneurysmal Subarachnoid Hemorrhage – One Year MRI Outcome of Surgical and Endovascular Treatment
http://epublications.uef.fi/pub/urn_isbn_978-951-27-1390-5/urn_isbn_978-951-27-1390-5.pdf
Radiology and Neurosurgery / UEF University of Eastern Finland

Arto Immonen MD PhD 2010

Surgical Treatment of Refractory Temporal Lobe Epilepsy – Preoperative Evaluation and Seizure Outcome
http://epublications.uef.fi/pub/urn_isbn_978-952-61-0090-6/urn_isbn_978-952-61-0090-6.pdf
Neurosurgery, Neurology and Neurophysiology / UEF University of Eastern Finland

Olli-Pekka Kämäräinen MD PhD 2009

The Search for Susceptibility Genes in Osteoarthritis

<http://herkules.oulu.fi/isbn9789514291449/isbn9789514291449.pdf>

Medical Biochemistry and Molecular biology / University of Oulu / Oulu Finland

Juhana Frösen MD PhD 2006

The Pathobiology of Saccular Cerebral Artery Aneurysm Rupture and Repair – Clinicopathological and Experimental Approach

<http://ethesis.helsinki.fi/julkaisut/laa/kliin/vk/frosen/thepatho.pdf>

Opponent Professor Robert M Friedlander / Neurosurgery / Harvard Medical School / Boston MA
Neurosurgery and Transplantation Laboratory / University of Helsinki / Helsinki Finland

Sakari Savolainen MD PhD 2002

Diagnosis, Treatment and Outcome of Treatment of Normal Pressure Hydrocephalus –
Neurosurgical Follow-up Study of 5 Years

http://epublications.uef.fi/pub/urn_isbn_951-781-882-3/urn_isbn_951-781-882-3.pdf

Neurosurgery, Pathology, Radiology and Neurophysiology / UEF University of Eastern Finland

Mikael von und zu Fraunberg MD PhD 2003

Molecular Genetics of Variegate Porphyria in Finland

<http://ethesis.helsinki.fi/julkaisut/laa/kliin/vk/fraunberg/>

Endocrinology / University of Helsinki / Helsinki Finland

Ville Leinonen MD PhD 2003

Neuromuscular Control in Lumbar Disorders

http://epublications.uef.fi/pub/urn_isbn_951-781-354-6/urn_isbn_951-781-354-6.pdf

Rehabilitation, Physiology, Neurosurgery and Neurophysiology / UEF University of Eastern Finland

Timo Koivisto MD PhD 2002

Prospective Outcome Study of Aneurysmal Subarchnoid Hemorrhage – Endovascular Versus
Surgical Therapy.

http://epublications.uef.fi/pub/urn_isbn_951-781-884-x/urn_isbn_951-781-884-x.pdf

Opponent Professor Bryce Weir / Neurosurgery / University of Chicago / Chicago IL

Neurosurgery, Radiology, Anesthesiology, Intensive Care, Physiology and Nuclear Medicine / UEF
University of Eastern Finland

Anu-Maaria Sandmair MD PhD 2000

Gene Therapy for Malignant Glioma

Opponent Professor Nicholas de Tribolet / University Hospital Lausanne / Lausanne Switzerland

A.I. Virtanen Institute for Molecular Science / UEF University of Eastern Finland

Susanna Koponen MD PhD 2000

Expression of Protein Kinase C Subspecies After Cerebral Ischemia and Spreading Depression

Opponent Professor Richard Kraig / University of Chicago / Chicago IL

A.I. Virtanen Institute for Molecular Science / UEF university of Eastern Finland

Terttu Aulikki Pietilä MD PhD 1999

Beitrag zu Pathophysiologie Der Cerebralen Anteriovenösen Mißbildungen

Neurosurgery / University of Berlin / Berlin

Antti Ronkainen MD PhD 1997

Familial Intracranial Aneurysms

Opponent Professor David G Piepgras / Mayo Clinic Rochester / MN

Neurosurgery, Radiology, Obstetrics and Gynecology / UEF University of Eastern Finland

Jaakko Rinne MD PhD 1996

Multiple Intracranial Aneurysms – Kuopio Experience on 302 of 1314 Patients
Neurosurgery / UEF University of Eastern Finland

Antti Tapaninaho MD PhD 1996

Non-Ischemic Complications After Subarachnoid Hemorrhage and Aneurysm Surgery
Neurosurgery and Surgery / UEF University of Eastern Finland

Juha E Jääskeläinen MD PhD 1986

Intracranial Meningioma – Factors Affecting Recurrence
Neurosurgery and Pathology / University of Helsinki / Helsinki Finland

Juha Hernesniemi MD PhD 1979

An Analysis of Outcome for Head-Injured Patients with Poor Prognosis
Neurosurgery / University of Helsinki / Helsinki Finland

Matti Vapalahti MD PhD 1970

Intracranial Pressure, Acid-Base Status of Blood and Cerebrospinal Fluid, and Pulmonary Function
in the Prognosis of Severe Brain Injury – A Prospective Study in 51 Brain-injured Patients
Neurosurgery / University of Helsinki / Helsinki Finland