

Ilkka Kiviranta  
CURRICULUM VITAE

January 19, 2015

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FULL NAME	KIVIRANTA, Ilkka Kalevi, male
DATE AND PLACE OF BIRTH	14 April, 1957, Jyväskylä, Finland
NATIONALITY	Finnish
CURRENT RESIDENCE	Helsinki, Finland

EDUCATION AND DEGREES AWARDED

Professor of Orthopaedics and Traumatology, University of Helsinki, Helsinki, Finland	1 Sep 2007 -
Docent in Orthopaedics and Traumatology, University of Helsinki	29 Sep 1997 -
Docent in Experimental Orthopaedics, University of Helsinki	13 Oct 1995 - 29 Sep 1997
Docent in Anatomy, University of Kuopio	1 Apr 1989 -
Subspecialist in Orthopaedic Surgery and Traumatology, University of Kuopio	12 Jul 1994
Specialist in Surgery, University of Kuopio	9 Jun 1992
Doctor of Medical Science, University of Kuopio	16 Nov 1987
Licentiate in Medicine, University of Kuopio	30 Nov 1981

OTHER TRAINING, QUALIFICATIONS AND SKILLS

Specializing Program of Social and Health Management, Professional Development Education, 40 credits, University of Kuopio	20 May 2000
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CURRENT POSITION

Professor of Orthopaedics and Traumatology, University of Helsinki, Helsinki, Finland Orthopaedist-in-Chief, Helsinki University Hospital	1 Sep 2007 -
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SELECTED PREVIOUS PROFESSIONAL APPOINTMENTS AND CAREER BREAKS

Senior Researcher, Academy of Finland, 12 months	2008
Chief of Orthopaedics and Traumatology, Jyväskylä Central Hospital, Jyväskylä, Finland	1 Apr 1998 – 2007
Visiting Scientist, Brigham and Women's Hospital, Harvard Medical School, Department of Orthopaedics, and Cartilage Repair Center, Boston (12 months, scholarships from Sigrid Juselius Foundation and Brigham and Women's Hospital)	2002-2003
Assistant Chief Surgeon, Jyväskylä Central Hospital, Jyväskylä (1 year, 11 months)	1996-1998
Orthopaedic Surgeon, Hospital Orton, Helsinki (8 months)	1995-1996

Associate Professor, Department of Anatomy, University of Kuopio (12 months)	1994-1995
Lecturer, Anatomy, University of Kuopio (1 month)	1994
House Officer, Dept. of Orthopaedics and Traumatology, Kuopio University Hospital (2 years)	1992-1994
House Officer, Dept. of Surgery, Kuopio University Hospital (4 years, 7 months)	1987-1992
Teacher of human anatomy, Researcher, University of Kuopio	1981-1886

#### MAJOR RESEARCH FUNDING AND ACADEMIC LEADERSHIP

Research grant, Academy of Finland - Operative versus conservative management of subacromial impingement and rotator cuff tear. A prospective, randomized, controlled study, 217 360 €	2008-2011
174 599 €	2013-2017
Research grant, National Technology Agency - Novel Biomaterials for Cartilage Tissue Engineering Research, 1 190 000 €	2009-2012
- The COPLA scaffold – a new solution for cartilage repair, 482 000 €	2015-2016
Research grant, Academic Medical Center Helsinki Novel combination therapy for articular cartilage repair – a proof-of-concept Study, 106 200 €	2015-2016
Research grant, Scientific Advisory Board for Defence - Health and performance of men, 50 000 €	2016-2017

#### MAJOR TEACHING DUTIES AND PEDAGOGICAL COMPETENCE

Supervised theses 9

Supervisor of 9 Ph.D. students at the moment

Opponent in Academic Dissertation 8

Responsible for the education of medical students in Orthopaedics and Traumatology at  
University of Helsinki

Head of the training programme for the degree of specialist of orthopaedics and traumatology  
at University of Helsinki

#### SCIENTIFIC OR ACADEMIC MERITS AND ACTIVITIES

Award of the North-Savo Medical Association (Martti Hämäläinen Award for young medical scientist)	1990
The Volvo Award on Low Back Pain Research for a paper: A controlled biochemical and immunohistochemical study of human synovial type (group II) phospholipase A2 and inflammatory cells in macroscopically normal, degenerated and herniated human lumbar disc tissue	1996

## OTHER SCIENTIFIC OR ACADEMIC MERITS AND ACTIVITIES

Director of Emergency Medical Services, Jyväskylä Central Hospital	1998 -2007
Referee in the Journal of Orthopaedic Research, Osteoarthritis and Cartilage, Acta Orthopaedica Scandinavica, Annales Chirurgiae et Gynaecologiae, Scandinavian Journal of Surgery, Nature Biotechnology, Journal of Materials Science: Materials in Medicine, Duodecim (Journal of Finnish Medical Society), Suomen Lääkärilehti (Journal of the Finnish Medical Association)	1991 –
<b>EDITORIAL BOARD MEMBERSHIPS:</b>	
XVth Symposium of the European Society of Osteoarthrology, Kuopio, Finland 1986. Scand J Rheumatol (Suppl) 60:1-166, Editors: Säämänen A-M, Kiviranta I, Jurvelin J, Helminen HJ (Journal)	1986
XVth Symposium of the European Society of Osteoarthrology, Kuopio, Finland 1986. Publ Univ Kuopio Med Orig Rep 1986:6:Miniposters A1-F29, Editors: Säämänen A-M, Kiviranta I, Jurvelin J, Paukkonen K, Jaroma H, Helminen HJ (Journal)	1986
Joint loading - Biology and health of articular structures. Wright, Bristol, 1987, pp 1-440, Editors: Helminen HJ, Kiviranta I, Säämänen A-M, Tammi M, Paukkonen K, Jurvelin J (Book)	1986
Ortopedia (Orthopaedics). Kandidaattikustannus Oy, Helsinki, 2003. Rokkanen P, Avikainen V, Tervo T, Hirvensalo E, Kallio P, Kiviranta I, Pätiälä H (Book)	2003
Ortopedia (Orthopaedics). Kandidaattikustannus Oy, Helsinki, 2012. Kiviranta I and Järvinen M (Book)	2012
Scientific Journal: Osteoarthritis and Cartilage	2008-2012
<b>MEMBERSHIPS IN SCIENTIFIC SOCIETIES:</b>	
Finnish Medical Association, member	1981-
Duodecim (Finnish Medical Society), member	1981-
North-Savo Medical Association, member	1989-
Anatomici Fenniae (The Anatomical Association of Finland), member	1981-
The Connective Tissue Club of Finland, member	1981-
Finnish Association of Histochemistry and Cell Biology, member	1985-
Orthopaedic Research Society (USA), member	1992-
Finnish Surgical Society, member	1990-
Finnish Orthopaedic Association, member, Board Member 2000-2002, 2010-2013, President 2012-2013	1992-
International Cartilage Repair Society (Founding Member, Board Member 1997-2004)	1997-
Finnish Biomaterial Society (Board Member, vice chairman)	2001-
<b>Organized Meetings</b>	
UEMS/EBOT Meeting in Helsinki, Finland, 26-27 May, 2006	2006
Nordic Orthopaedic Federation Congress May 7-9, 2014, Congress President	2014

## Patents

Kiviranta I, Jurvelin J. Measuring Device and Measuring Procedure for Assessing the Stiffness of Rigid Tissue, Patent and Trademark Office. Patent No FI-90616. Helsinki, Finland 1994.

Kiviranta I, Jurvelin J. Measuring device and procedure for assessing the stiffness of rigid tissue. US Patent 5494045. United States Department of Commerce, Patent and Trademark Office, Washington, USA, 1996.

Kiviranta I, Jurvelin J. Measuring device and procedure for assessing the stiffness of rigid tissue. European Patent Office, Munich, Germany, Patent (Germany EP/DE0600920, France EP/FR 0600920, United Kingdom EP/GB 0600920, Sweden EP/SE 0600920), 1998.

Jurvelin JS, Kiviranta I, Töyräs J. Measuring device for examining a compressible tissue. EP 1408837. European Patent Office, Munich, Germany, 2008.

Muhonen V, Kiviranta I, Järvinen E, Kellomäki M, Haaparanta A-M, Ellä V. Implantable material and uses thereof, Patent and Trademark Office. Patent application. Helsinki, Finland 2014.

#### POSITIONS OF TRUST, MERITS AND ACTIVITIES IN SOCIETY

Member of the Specialist Section of Orthopaedics and Traumatology of the European Union Medical Specialists (UEMS)	2000 -
Member of the European Board of Orthopaedics and Traumatology (EBOT) of the European Union Medical Specialists	2000 -
Member of the Finnish Accident Investigation Commission on the Natural Disaster in Asia on 26 December, 2004	2005
Member of the Finnish Patient Injuries Board	2009 -
Chairman of the Board, Research Foundation for Orthopaedics and Traumatology	2008-