



Juhani Knuuti

Professor, MD, PhD

PRESENT POSITIONS

- Director, professor, Turku PET Centre, University of Turku, Finland
- Chief physician, Turku PET Centre, Turku University Hospital, Finland
- Consultant, Turku Heart Center, Turku, Finland
- Visiting professor, Dept of Cardiology, LUMC, Leiden, Netherlands

EDUCATION AND ACADEMIC DEGREES

- MD, 1985, University of Turku, Finland
- PhD 1993, University of Turku, Finland
- Doctoral dissertation: Regional Myocardial 18-FDG Uptake for the Assessment of Tissue Viability by Positron Emission Tomography.
- Specialist degree in Clinical Physiology, 1991
- Specialist degree in Nuclear Medicine, 1993
- Docentship: Clinical Physiology and Nuclear Medicine, University of Turku, 1996
- Academic leadership education: TSE exe, University of Turku, 2018
- Academic leadership education (advanced): TSE exe, University of Turku, 2019

PERSONAL DATA

- Full name: **Matti Juhani Knuuti**
- Email: juhani.knuuti@tyks.fi
- Tel: +358 500 592 998
- Nationality: Finnish
- Languages: Finnish (native), English (fluent), Swedish (intermediate)
- ORCID: <https://orcid.org/0000-0003-3156-9593>
- Publons ID: <https://publons.com/researcher/3151662/juhani-knuuti/>
- Web of science ResearcherID: AAA-7472-2019

OTHER ACTIVITIES

- Playing music: Saxophone, keyboards
- Diving
- Skiing
- Blogging: <https://blogit.ts.fi/terveys-tiede/> (in Finnish)

MOST IMPORTANT APPOINTMENTS

- 1988-1989 Fellow, Dept. of Medicine, Turku University Hospital
- 1989-1990 Fellow, Dept. of Clin. Physiology, Turku University Hospital
- 1990-1991 Fellow, Dept. of Nuclear Medicine, Turku University Hospital
- 1991-1995 Consultant, Nuclear Medicine, Turku University Hospital.
- 1991-1995 Consultant, Turku PET Centre, Turku University Hospital
- 1996- Director, Professor, Turku PET Centre, University of Turku
- 1992- Consultant, Turku Heart Center, Turku
- 2017-2018 Visiting scholar, Dept of Cardiology, LUMC, Leiden, Netherlands
- 2019-2020 Visiting professor, Dept of Cardiology, LUMC, Leiden, Netherlands

CITATION METRICS (PUBLONS 5TH FEBRUARY 2021)

Juhani Knuuti

"J Knuuti, M Knuuti"
Show more

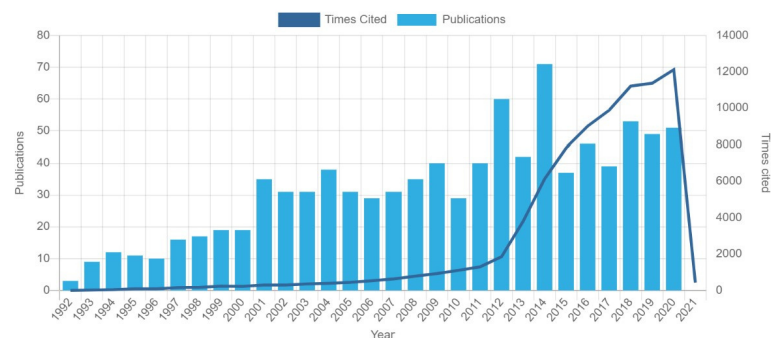
Highly cited

Director, professor - Turku PET Centre, University of Turku

Web of Science ResearcherID[®]
AAA-7472-2019

PUBLICATIONS	TOTAL TIMES CITED	H-INDEX
936	81 763	91 [®]

Juhani Knuuti's impact over time



Statistics are calculated based only on information which has been submitted to Publons. Read more about them here.

Publication metrics

PUBLICATIONS IN WEB OF SCIENCE	SUM OF TIMES CITED	H-INDEX	AVERAGE CITATIONS PER ITEM	AVERAGE CITATIONS PER YEAR
897	81 763	91 [®]	91.3	2725.4

Google scholar: Citations 180 961, H-index 106, i10 index 415

Web of Science (w/o abstr): publ. 594, citations 59 536, H-index 84

CURRENT MEMBERSHIPS OF PROFESSIONAL SOCIETIES

- Finnish Medical Association
- Finnish Society of Clinical Physiology
- Finnish Society of Nuclear Medicine
- Finnish Society of Cardiology
- European Association of Nuclear Medicine
- European Society of Cardiology
- European Association of Cardiovascular Imaging (EACVI)
- FESC (Fellow of European Society of Cardiology)
- Finnish Academy of Science and Letters

MEMBERSHIPS OF EDITORIAL BOARDS

- Journal of Nuclear Cardiology
- European Journal of Nuclear Medicine and Molecular Imaging
- Current Medical Imaging Reviews
- Current Radiopharmaceuticals
- Quest Editor, JACC
- JACC Cardiovascular Imaging
- Circulation Cardiovascular Imaging 2009-10
- ISRN Molecular Imaging
- European Journal of NMMI Research

- **Senior Associate Editor**, European Heart Journal Cardiovascular Imaging

SUPERVISED DOCTORAL THESES (27)

- Maria Raitakari
- Maija Mäki
- Hanna Laine
- Olli-Pekka Pitkänen
- Teemu Takala
- Heikki Ukkonen
- Pauliina Peltoniemi
- Juha Koskenvuo
- Kari Kalliokoski
- Jan Sundell
- Kirsi Virtanen
- Jukka Kempainen
- Kira Stolen
- Tuula Janatuinen
- Kirsti Hällsten
- Patricia Iozzo
- Marko Laaksonen
- Riikka Lautamäki
- Helena Tuunanen
- Alexandru Naum
- Mika Teräs
- Iina Laitinen
- Sami Kajander
- Johanna Silvola
- Teemu Maaniitty
- Haitham Ballo
- Iida Stenström

RESEARCH PROFILE

Juhani Knuuti's research has focused on the physiology and pathophysiology, diagnosis and new therapies of coronary artery disease, heart failure and metabolic diseases. The research is also focused on developing and utilizing novel noninvasive imaging methods (PET, SPECT, echocardiography, MRI and CT) that will help to determine the risk and severity of CHD and heart failure and provide guidance for therapy decisions. The recent focus in cardiac research has been on vulnerable plaques, cardiac remodelling and multimodality and hybrid imaging. In metabolic and diabetes research, the focus has been in the interactions between different organs and heart in the pathogenesis and development of the cardiac diseases.

RESEARCH FIELDS OF PUBLICATIONS (WOS 5TH FEB 2021, EXCL. ABSTRACTS)



MAIN JOURNALS WITH PUBLICATIONS (WOS 5TH FEB 2021. EXCL. ABSTRACTS)



MOST IMPORTANT RESEARCH FUNDING

1996-2015	Finnish Foundation for Cardiovascular Research	EUR 348 300 total
1996-2019	EVO, Turku University Hospital	EUR 850 650
2005-	Grant, Novo Nordisk Foundation	EUR 30 000
2008-2013	Centre of Excellence, Academy of Finland	EUR 5 388 000
2014-2019	Centre of excellence, Academy of Finland	EUR 12 078 000
2009-2016	EU FP7 funded study EVINCI. Own share	EUR 463 000
2009-2012	EU FP7 funded study DOPPLER-CIP, Own share	EUR 180 000
2009-2012	TEKES/CIHR funded IMAGE-HF. Finnish share	EUR 1 252 748
2009-2016	TEKES, Antibody library for plaque inflammation, Own share	EUR 428 000
2015-2018	TEKES, Inflammation Imaging	EUR 583 000

CERTIFICATE OF GOOD CLINICAL PRACTISE (GCP) EXAM

GCP Web Test (Version 5.0) ICH E6 (R2) GCP Investigator Site Training meets the Minimum Criteria for ICH GCP Investigator Site Personnel Training identified by TransCelerate BioPharma, Inc. as necessary to enable mutual recognition of GCP training among trial sponsors. 21.03.2021 - Pharmaceutical Information Centre Ltd, Helsinki, Finland

OPPONENT ROLES

- Morten Bottcher, Aarhus, Denmark
- Antti Ala-Rämi, Oulu, Finland
- Jens Sörensen, Uppsala, Sweden
- Jeroen Schaap, Rotterdam, Netherlands
- Hans Harms, Amsterdam, Netherlands
- Louise Nissen, Aarhus, Denmark

INVITED LECTURES

More than 300 invited congress lectures:

- American Heart Association
- American College of Cardiology
- European Society of Cardiology
- European Association of Nuclear Medicine
- International Conference on Nuclear Cardiology
- American Society of Nuclear Cardiology
- Scandinavian Society of Clinical Physiology and Nuclear Medicine
- Japanese Society of Cardiology
- World Heart Federation congresses
- Chinese Society of Cardiology
- Egyptian Society of Cardiology

REVIEWER ROLES

Journals:

- Journal of Nuclear Medicine
- European Journal of Nuclear Medicine and Molecular Imaging
- Diabetologia
- Clinical Physiology
- Journal of Applied Physiology
- Circulation
- Acta Physiologica Scandinavica
- European Heart Journal
- American Journal of Cardiology
- Journal of American College of Cardiology Cardiovascular Research
- Heart
- American Heart Journal
- Science
- JACC Cardiovascular Imaging
- Circulation Cardiovascular Imaging
- European Heart Journal Cardiovascular Imaging

Grant applications:

- Danish Research Council
- Wellcome Trust, London
- MRC, London
- Swiss National Science Foundation

Evaluation for professorships:

- UCLA, Los Angeles
- University of Washington, St Louis
- Karolinska Institute, Stockholm

MOST IMPORTANT SCIENTIFIC AND ACADEMIC POSITIONS

1998-2011	Nucleus Member, ESC Working Group on Nuclear Cardiology and Cardiac CT
2002-2004	Treasurer, ESC Working Group on Nuclear Cardiology and Cardiac CT
2000-2012	Member, Cardiovascular Committee, European Society of Nuclear Medicine
2002-2010	Member, Research Council, University of Turku
2002-2004	President, Finnish Society of Nuclear Medicine
2008-2010	Chairman, European Council of Nuclear Cardiology
2003-2004	Member, Executive Committee, European Society of Nuclear Medicine
2004-2006	Vice Chair, ESC Working Group on Nuclear Cardiology and Cardiac CT
2006-2008	Chairman, ESC Working Group on Nuclear Cardiology and Cardiac CT
2005-	Member of Board, Medicity Research Unit, Faculty of Medicine, Univ of Turku
2007-	International Advisory Committee, American, Society of Nuclear Cardiology
2007-2010	Member, ESC Council of Imaging
2010-2014	Member, ESC Clinical Guidelines Committee
2012-2014	Member, Council of European Society of Molecular Imaging
2010-2015	Member, Council of Health Research, Academy of Finland
2016-2018	Member, ESC Clinical Guidelines Committee
2012-2014	Chairman, Task force of 2014 ESC guideline on non-cardiac surgery
2017-2019	Chairman, Task force of 2019 ESC guideline on the diagnosis and management of chronic coronary syndromes

ORGANIZATION OF INTERNATIONAL CONFERENCES

1996-1999	Member, Scientific committee of European Society of Cardiology
2002-2010	Member, Scientific committee of European Society of Cardiology
1999-2017	Chairman, Organising committee of Turku PET Symposium
2003	Member, Scientific committee, ICNC
2004	President, European Society of Nuclear Medicine Congress, Helsinki
2005-2007	Co-chair, program committee, ICNC
2009-2011	Co-chair, ICNC
2010-2011	Program director, ICNC
2012	Member, Scientific committee, World Congress of Cardiology, Dubai
2016-2018	Advisory committee, ICNC

MOST IMPORTANT ACKNOWLEDGEMENTS AND AWARDS

1993	Cardiovascular Council Young Investigator Award, The Society of Nuclear Medicine
1994	Young Investigator Award for the Best Thesis, Turunmaan Duodecim-Seura
1994	Young Investigators Award, International Society for Heart Research
1994	Poster Award, 1. Price, International Society for Heart Research,
1997	Best of Country or Region Award, 3rd International Conference of Nuclear Cardiology
2005	Big Scientific Prize, Scandinavian Society of Clinical Physiology and Nuclear Medicine
2010	Sauli Viikari –medal, University of Turku
2010	Distinguished Recognition medal, Faculty of Medicine, University of Turku
2011	Knight, 1st class of The Order of the Lion of Finland
2016	Duodecim, Tiedottajapalkinto
2018	Torgny Sjöstrand lecturer, by Swedish Society for Clinical Physiology
2018	WARMTH, Lifetime Achievement Award
2018	Arto Uusitalo Award
2018	Terveysalan vuoden vaikuttaja, Mediutiset
2020	Hyvän Tiedon Omena, Terveystoimittajat ry
2020	Socrates award, Skepsis ry, Finland
2021	Professor of the year, Finnish Union of University Professors

EXPERIENCE ON PI ROLES IN SELECTED PHARMACOLOGICAL STUDIES

Schering AG DOI: <https://doi.org/10.1016/j.amjcard.2007.01.042> (PI)
Investigator driven study: DOI: 10.1161/CIRCULATIONAHA.108.778019 (PI)
Investigator driven study: J Nucl Med June 1, 1994 vol. 35 no. 6 989-998 (PI)
Orion Pharma oy: DOI: 10.1016/S0009-9236(97)90139-9
Investigator driven study: Circulation. 2006 Nov 14;114(20):2130-7. Epub 2006 Nov 6. (PI)
Investigator driven study: doi: 10.1136/heartjnl-2015-308137 (PI)
Lantheus Inc BMS747128 (European PI)
Novartis CLCZ696BFI03 (PI)

