

# CURRICULUM VITAE

## NAME AND DATE

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Name **Markus Tapani Juonala**  
Gender Male  
Date 23.11.2020

## PERSONAL PARTICULARS

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Date and place of birth 7.5.1977, Orimattila, Finland  
Nationality Finland  
Present address Lehtokertunkatu 19, 21210 Raisio, Finland  
E-mail markus.juonala@utu.fi

## EDUCATION

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MD, University of Turku, 2003  
PhD, University of Turku, 2005  
Specialist in internal medicine, University of Turku, 2009  
Specialist in endocrinology, University of Turku, 2011  
Adjunct professor of internal medicine, University of Turku, 2013

## CURRENT POSITIONS

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Vice Dean, Faculty of Medicine, University of Turku 2019-  
Professor in internal medicine, University of Turku 2014-  
Local (Turku) study coordinator and Group leader (metabolic risk factor studies), The Cardiovascular Risk in Young Finns Study, 2007-  
Steering committee member and secretary, International Childhood Cardiovascular Cohort (i3C) consortium, 2012-

## PREVIOUS WORK HISTORY

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Physician, Raisio Health Center, 2003  
Researcher, University of Turku, 2003-2004  
Resident, internal medicine, Loimaa District Hospital, 2004-2006  
Resident, internal medicine, Turku University Hospital, 2007-2009  
Resident, endocrinology, Turku University Hospital, 2009-2011  
Consultant, Endocrinology department, Turku University Hospital, 2011-13  
Clinical lecturer in internal medicine, University of Turku, 2013-14  
Visiting Elisabeth Murdoch Fellow, Murdoch Childrens Research Institute, Melbourne, Australia 2014-2015 and 2018-2019 (altogether 24 months)

## FUNDING SUPPORT

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As a primary principal investigator (PI) competitive research grants since 2003 from Turku University Foundation, the Orion-Farmos Research Foundation, Finnish Cultural Foundation, Turku University Hospital Special Federal funds, Maud Kuistila Foundation, Juho Vainio Foundation, Paavo Nurmi Foundation, the Instrumentarium Research Foundation, the Finnish Foundation of Cardiovascular Research, Sigrid Juselius Foundation, Finnish Cancer Foundation, total amount ≈750 000 euros

As a co-PI, five research project grants from the Australian federal funding body, National Health and Medical Research Council, total amount ≈6 000 000 euros

## **SCIENTIFIC SUPERVISION**

### **SUPERVISION OF ACADEMIC DISSERTATIONS (PHD PROJECTS)**

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#### **COMPLETED**

1. Juha Koskinen: Metabolic syndrome – early cardio-metabolic, vascular and hepatic changes, 2011, University of Turku.
2. Juho Raiko: Conventional and novel cardiovascular risk factors in young Finns and their associations with structural and functional vascular changes of subclinical atherosclerosis. The Cardiovascular Risk in Young Finns Study, 2011, University of Turku.
3. Tomi Laitinen: Ideal cardiovascular health index in children and young adults, 2015, University of Turku.
4. Jonna Juhola: Childhood risk factors in predicting obesity and hypertension, 2017, University of Turku.
5. Joel Nuotio: Life-course approach on cardiometabolic risk factors, 2017, University of Turku.
6. Richard Liu: Socioeconomic factors, inflammation and cardiovascular risk factors. Longitudinal Study of Australian Children, 2018, University of Melbourne.
7. Veera Veromaa: Cardiovascular health of Finnish women working in the public sector with special reference to psychosocial and work-related factors, self-rated health and physical capability, 2019, University of Turku
8. Lauri Vähämurto: East-west and rural-urban differences in cardiovascular risk factors, 2020, University of Turku
9. Elina Puolakka: Socioeconomic factors in childhood and adult cardiovascular risk markers, 2020, University of Turku
10. Christoph Saner: Nutritional determinants & cardiometabolic risk outcomes in children and adolescents with obesity, 2020, University of Turku

#### **ONGOING**

1. Petri Niinisalo: Indolamine 2,3-oxygenase and cardiovascular health (2 / 3 papers published)
2. Pauline Sjöholm: Early life risk factors and cardiometabolic health in adulthood. The Aboriginal Birth Cohort Study (3 / 4 papers published)
3. Veerakaisa Koivunen: Infrapopliteal peripheral artery disease in patients with and without diabetes mellitus - The segmental distribution of the disease, the efficacy of revascularization to amputation free and overall survival and effectiveness of postoperative rehabilitation after amputation. (1 / 3 papers published)
4. Jukka Pihlman: Early life family associated risk factors and subsequent cardiometabolic health. (1 / 4 papers published)
5. Juha Kauppi: Computed tomography in pulmonary embolism: Need for better diagnostic calibration in clinical practice?

#### **AWARDS**

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Acknowledgement from Turku University Medical Faculty for PhD thesis in 2005  
Turku University Foundation: PhD thesis award in 2005  
Southwest Finland Physician Society Duodecim: PhD thesis award in 2005  
Pauli Soisalo memorial award for young Finnish cardiovascular researcher in 2010  
Finnish Medical Foundation: Young Scientist Award in 2011  
European Atherosclerosis Society: Young Investigator Award in 2012  
Unto Uotila award for young endocrinology researcher in 2012  
University of Turku Medical Students Society: Teacher of the Year in 2018

#### **PUBLICATION RECORD**

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> 350 original publications in international peer-reviewed journals  
Citations > 12,000  
H-index 55

#### **OTHER ACADEMIC AND SCIENTIFIC CONTRIBUTIONS SOCIETIES**

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Finnish Atherosclerosis Society, member 2007-  
Finnish Internal Medicine Society, member 2007-

Finnish Endocrinology Society, member 2008-  
European Atherosclerosis Society, member 2011-

## EXPERT TASKS

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### REVIEWER FOR ACADEMIC DISSERTATIONS

1. Hanna Pohjantähti-Maaroos, 2012
2. Kati Hyvärinen, 2013
3. Sanna Rantakömi, 2013
4. Marika Sipola-Leppänen, 2015
5. Jani Saksi, 2015
6. Aki Käräjämäki, 2017
7. Henri Isojärvi, 2018
8. Katja Wikström, 2018
9. Natalia Skogberg, 2018
10. Maija Feodoroff, 2020

### OPPONENT FOR ACADEMIC DISSERTATIONS

1. Meiju Äijälä, 2013
2. Immi Kormi, 2017

### PROFESSOR PROMOTION EVALUATOR

Daniel Cuthbertson, University of Liverpool, UK, 2018  
Matthew Sabin, University of Melbourne, Australia, 2020  
Gilad Twig, University of Tel Aviv

### EDITORIAL BOARD MEMBER (2017-)

Annals of Medicine

### GRANT REVIEWER (2010-)

Finnish Cultural Foundation, Trasher Research Fund (USA), Austrian Science Fund, British Heart Foundation, University of Helsinki Collegium, National Children's Research Centre (Ireland), European Research Council

## LEADERSHIP

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Organising committee member, European Atherosclerosis Society Satellite Symposium in Turku, 2007

Board member, Finnish Atherosclerosis Society, 2010-2020

Guidance group member, Electronic prescription project in Hospital District of Southwest Finland, 2011-2013

Steering committee member and secretary, i3C consortium, 2012-

Main organiser, Finnish Atherosclerosis Society 7<sup>th</sup> Annual Meeting, 2013

Clinical advisory group member, FinnGen, 2017-

## CLINICAL TRIALS

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Investigator in APPRISE trial

Sub-investigator in IMPROVE-IT, EXAMINE and ODYSSEY trials