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EDUCATION AND TITLES

1997 BSc in Pharmacy, University of Helsinki
1999 BSc in Exercise Physiology, University of Jyväskylä
2001 MSc in Exercise Physiology, University of Jyväskylä
2008 Pedagogic studies for teacher qualification (60 ETC), University of Jyväskylä
2008 PhD in Exercise Physiology, University of Jyväskylä
2014 Docent of Physiology, Faculty of Medicine, University of Helsinki

PRESENT POSITION

01/2021- **Associate Professor (tenure-track)**, Faculty of Sport and Health Sciences, University of Jyväskylä

19/2016- Principal Investigator, Wihuri Research Institute and Research Programs Unit, Faculty of Medicine, University of Helsinki

PREVIOUS PROFESSIONAL APPOINTMENTS

2000-2006 Part-time University Teacher
University of Jyväskylä, Department of Biology of Physical Activity
2001-2004 PhD Student
University of Jyväskylä, Department of Biology of Physical Activity
2004-2005 Researcher
LIKES Research Center for Sport and Health Sciences, Jyväskylä, Finland
2006-2008 Senior Research Assistant
University of Jyväskylä, Department of Biology of Physical Activity
2008-2013 Postdoctoral Fellow (Academy of Finland)
Molecular/Cancer Biology Laboratory (PI Kari Alitalo), University of Helsinki (maternity leave 07/2009 - 05/2010)
2013-2016 Senior Research Fellow, Wihuri Research Institute
2014-2016 University Researcher, Translational Cancer Biology Program, Faculty of Medicine, University of Helsinki

MAJOR RESEARCH GRANTS AND FELLOWSHIPS (as the main applicant)

Academy of Finland, 2022-26 499 000 €
Finnish Foundation for Cardiovascular Research, 2022 40 000 €

Sigrid Juselius Foundation, 2022-25	210000 €
Sigrid Juselius Foundation Senior Fellowship 2021	26 000 €
Finnish Cancer Foundation, 2021	50 000 €
Finnish Foundation for Cardiovascular Research, 2021	45 000 €
Sigrid Juselius Foundation, 2020-22	90 000 €
Barncancerfonden (Swedish cancer foundation), 2020-2022	143 000 €
Finnish Cancer Foundation, 2020	50 000 €
Academy of Finland, 2020-21	201 085 €
Finnish Foundation for Cardiovascular Research, 2019-20	40 000 €
Finnish Cancer Foundation, 2017-18	80 000 €
Finnish Cultural Foundation, 2017	14 000 €
Finnish Diabetes Foundation, 2017-18	25 000 €
Diabetes Wellness Finland, 2017	10 000 €
Sigrid Juselius Foundation, 2017-19	120 000 €
Academy of Finland, 2016-19	330 000 €
Academy of Finland, Academy Research Fellow, 2016-21	434 485 €
Finnish Foundation for Cardiovascular Research, 2016-17	35 000 €
Academy of Finland, Post Doctoral Fellow, 2010-13	354 360 €
Finnish Foundation for Cardiovascular Research, 2009	10 000 €
Finnish Cultural Foundation, 2008	15 000 €
Ellen ja Artturi Nyyssönen –foundation, 2006	5 000 €
TULES-National Graduate School, 2003-04	salary for 2 years

MENTOR FOR DOCTORAL TRAINING

1. MD/PhD Markus Räsänen, completed in 2019
2. PhD Tuuli Nissinen, completed in 2020
3. MSc Karthik Amudhala Hemanthakumar, completed in 2021
4. MSc Nebeyu Gizaw Yosef, 2016-
5. MSc Aino Poikonen, 2019-
6. Med. Student Sabina Selenius 2020-
7. MSc Sakari Mäntyselkä 2021-
8. MSc Kialiina Tonttila 2021-
9. MSc Virpi Stigzelius 2022-

HONORS/AWARDS

1. 5th place in Young Investigators Award. European College of Sport Science congress, Athens, Greece 24. -28.7.2002. Oral presentation
2. Best Poster Presentation within morphology. 22nd Meeting of the European Society of Microcirculation, Exeter, UK, 28.-30.8.2002
3. Best Study of the Year in Exercise Medicine (Finland)
4. 3rd place in Young Investigators Award. European College of Sport Science congress, Belgrad, Serbia-Montenegro, 13. -16.7.2005. Poster presentation.
5. Best Poster in Basic Science. 2nd International Congress on Prediabetes and the Metabolic Syndrome, Barcelona, Spain, 25.-28.4.2007.
6. Best Study of the Year in Exercise Medicine (Finland)
7. Award for the Best PhD thesis 2008, Jyväskylän yliopisto
8. Award for the PhD thesis from the Finnish Physiological Society
9. Primus Doctor of the Degrees Ceremony at the University of Jyväskylä

INVITED PRESENTATIONS

1. Fin3R Symposium, Helsinki, Finland, 2022

2. Joint Dutch German Vascular Biology meeting, Goettingen, Germany, 2021
3. International Symposium on Exercise Physiology, Jyväskylä, Finland, 2021
4. AHA Scientific Sessions, Dallas, USA, 2020
5. Imperial College London seminar series, London 2019
6. German Society for Microcirculation and Vascular Biology Meeting, Heidelberg, Germany, 2019
7. 11th International Conference on Cachexia, Sarcopenia & Muscle Wasting, Amsterdam, the Netherlands, 2018.
8. International Vascular Biology Meeting 2018, Helsinki, Finland, 2018.
9. Experimental Biology 2018, APS Annual meeting, Cardiovascular section symposium. San Diego, USA, 2018.
10. International Symposium on Exercise Physiology. University of Jyväskylä, Finland, 2017.
11. AIV-Institute research seminar series. University of Eastern Finland, Kuopio, Finland, 2016.
12. 3rd Wihuri Research Institute Symposium on Cardiovascular Biology. Helsinki, Finland, 2015.
13. International symposium / intensive course for PhD students. University of Jyväskylä, Finland, 2014
14. 1st Wihuri Research Institute Symposium on Cardiovascular Biology. Helsinki, Finland, 2013
15. Liikuntalääketieteen päivät. Helsinki, Finland, 2012.
16. The 7th Oulu Symposium: Advances in Molecular Mechanisms of Heart Failure and Myocardial Repair & Natriuretic Peptide Research. University of Oulu, Finland, 2012
17. New aspects of exercise for health. Turku PET centre, University of Turku, Finland 2012
18. International symposium / intensive course for PhD students. University of Jyväskylä 2011

ORAL PRESENTATIONS

1. International Vascular Biology Meeting, Seoul, Korea, 2020
2. International Vascular Biology Meeting. Boston, USA, 2016
3. Gordon Research Conference, Endothelial Cell Phenotypes in Health and Disease. Girona, Spain, 2016
4. European College of Sport Science congress. Estoril, Portugal, 2008
5. European College of Sport Science congress. Salzburg, Austria, 2003
6. European College of Sport Science congress. Athens, Greece, 2002

REVIEWING ACTIVITIES

1. *Grant Reviewer* for Swiss National Science Foundation, Dutch Research Council, Icelandic Research Fund; the Israel Science Foundation; Doctoral Programme in Health Sciences, University of Eastern Finland; Doctoral Programme in Integrated Life Sciences, University of Helsinki, Doctoral Programme of Molecular Medicine, University of Eastern Finland
2. *Opponent for PhD thesis defence* (3) at the University of Oulu, Karolinska Institutet, University of Helsinki
3. *Pre-examiner for PhD thesis* (7) at the University of Tampere, University of Turku, University of Eastern Finland, University of Helsinki, University of Jyväskylä

JOURNAL EDITORIAL BOARD MEMBERSHIP

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