

Curriculum Vitae Jaan-Olle Andressoo



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EDUCATION

- **2009** *Docent (Adj. Prof.) of Genetics*, University of Helsinki (UH), **Finland**
- **2004** *PhD*, Erasmus Medical Center, Department of Cell Biology and Genetics, Erasmus University, Rotterdam, **The Netherlands**, Prof Jan H.J. Hoeijmakers
- **1991-1998** *Undergraduate studies of Biology*, University of Tartu, **Estonia**

CURRENT POSITIONS

- **03.2017 – 12.2017** **Sabbatical** - *Visiting Associate Professor* in Neurobiology at the Department of Psychiatry, Columbia University, NYC. Sabbatical host: Prof Dave Sulzer, **USA**
- **03.2017-** *Assistant Professor*, Department of Neurobiology, Care Sciences and Society, Karolinska Institutet, **Sweden**
- **09.2017** - *Associate Professor (tenure track)*, Translational Neuroscience, Faculty of Medicine, University of Helsinki, **Finland**

PREVIOUS POSITIONS

- **09.2016-08.2017** - *Associate Professor*, Cell and Tissue Engineering, University of Tampere, **Finland**
- **2010 – 2017** *Principal Investigator*, Institute of Biotechnology, University of Helsinki, **Finland**
- **2010-2015** *Academy of Finland Research Fellow (PI)* at the Institute of Biotechnology (BI), University of Helsinki (UH), **Finland**
- **2008-2010** *Senior Postdoctoral Associate* (Mart Saarma's group) at the BI, UH, **Finland**
- **2005-2008** *Academy of Finland Post-doctoral Research Fellow* (Mart Saarma's group), at the BI, UH, **Finland**
- **2004-2005** *Post-doctoral researcher* at Prof Jan Hoeijmakers laboratory, Erasmus Medical Center, Department of Cell Biology and Genetics, Erasmus University, Rotterdam, **The Netherlands**
- **1999-2004** *PhD studies* at Prof Jan Hoeijmakers laboratory, Erasmus Medical Center, Department of Cell Biology and Genetics, Erasmus University, Rotterdam, **The Netherlands**
- **05-09.1998** *Nominee of Tempus-Phare Scholarship*, MSc student in Prof Jan Hoeijmakers laboratory, Dept. of Cell Biology and Genetics, Erasmus University, Rotterdam, **The Netherlands**
- **03-05.1994** *Junior scientist* at the University of Helsinki, Finland, Department of Biological and Environmental Sciences, at Prof Jorma Wartiovaara's laboratory, **Finland**
- **1993-1999** *Junior scientist* in Prof Toivo Maimets laboratory at the Institute of Molecular and Cellular Biology, University of Tartu, **Estonia**

FELLOWSHIPS AND AWARDS

- **2017-2022** Nominee of European Research Council (ERC) Consolidator Grant-the most prestigious research grant in Europe.
- **2017-2022** Nominee of Center of Innovative Medicine Young Investigator Grant at Karolinska Institutet, Stockholm.
- **2010-2015** Academy of **Finland** Research Fellow – the most prestigious start-up package for early and mid-stage scientists in Finland
- **2005-2008** Academy of **Finland** post-doctoral Fellow – the most prestigious post-doctoral grant in Finland
- **2002** Best Abstract Award at Gordon Conference, Tahoe City, California, **USA**
- **1999** Estonian Students Fund in USA Scientific Reward, January 1999, **USA**
- **1998** Nominee of Tempus-Phare **EU** Scholarship for MSc studies abroad 1998

DEGREES COMPLETED AND CURRENT SUPERVISION

Since 2010 two PhD degrees and three MSc degrees as a main supervisor, one PhD as a co-supervisor

- My PhD student Jaakko Kopra received “Thesis of the Year” award in 2016 by Finnish Pharmacological Society

Current supervision and associated funding

- Four PhD students, one post-doc. Three of my PhD students have received *Graduate Schools* positions in a highly competitive environment (over ten applicants per position)
- **2016-2017** MSc Daniel Garton from Columbia University, NYC, **USA**, received *Fulbright Scholarship* to work in my laboratory for 10 months
- **2016** – four new MSc students from Cambridge **UK**, Haldia **India**, Tehran **Iran**, Helsinki **Finland**
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TEACHING ACTIVITIES

In total 98h of lecturing experience since 2007 at the University of Helsinki, **Finland** and at Tallinn University of Technology, **Estonia**. My lecturing skills were ranked as “very good” during the selection process for Associate Professor position at the University of Tampere. I am highly motivated to further develop my pedagogical skills.

INSTITUTIONAL RESPONSIBILITIES

- **2015** Official PhD thesis opponent, Tallinn University of Technology, **Estonia**
- **2012 – present** Member of the thesis committee of two PhD students at the Faculty of Biosciences, UH, and in Neuroscience Center, UH, **Finland**.
- Official PhD thesis pre-examiner of three PhD thesis at various universities in **Finland**

COMMISSIONS OF TRUST

- **2017** – invited reviewer for grant applications at Medical Research Council, **UK**
- **2016** - invited reviewer for grant applications at Parkinson’s **UK**
- I have peer-reviewed over 25 scientific manuscripts for MCB, MCN, PLOS ONE, Neuroscience, Nutrition, Scientific Reports, etc. **Finland**
- **2013** – present Board Member of the Graduate School of Brain and Mind: involved in planning courses and selecting graduate students, UH, **Finland**
- **2010** - Invited reviewer for Biotech business applications at Enterprise Estonia (EAS), **Estonia**

SCIENTIFIC AND SOCIAL IMPACT OF RESEARCH

- **2011**, replay **2015**, interview by Estonian State TV (ETV), **Estonia**
- **2009** Invited speaker at **TEDx** (Technology, Education, Design) Tallinn, **Estonia**

MAIN INTERNATIONAL COLLABORATIONS

- Harm H. Kampinga, & Steven Bergink, chaperons in neurodegeneration, University of Groningen, **The Netherlands**
- Anders Björklund, animal models of Parkinson's disease, Lund University, **Sweden**
- Lars Olson, MitoPark mouse model, Karolinska Institutet, **Sweden**
- Janne Johansson, proteostasis in Alzheimer's disease Karolinska Institutet, **Sweden**
- Per Nilsson, Alzheimer's disease models Karolinska Institutet, **Sweden**
- Robert P. Coppes, GDNF in salivary gland stem cell regeneration, University of Groningen, **The Netherlands**
- James R. Mitchel, fasting and brain function, Harvard School of Public Health, **USA**
- David Sulzer, studies on brain dopamine system, Columbia University, **USA**

CURRENT RESEARCH FUNDING

- ERC Consolidator Grant 09.2017-08.2022; PI
- Helsinki Institute of Life Science (HiLife) Grant 07.2017-06.2021; PI
- Center of Innovative Medicine Young Investigator Grant at Karolinska Institutet, Stockholm, Sweden 03.2017-02.2022; PI (shared affiliation with UH)
- Academy of Finland Project Grant, 01.01.2017-31.08.2020; PI
- Sigrid Juselius Foundation 2016-2018; PI
- Sigrid Juselius Foundation Senior Fellowship 2017, *for Sabbatical at Columbia University*, NYC, USA