

Short Curriculum Vitae – Tomi Rantamäki

1. Education

- PhD in pharmacology/neuroscience in 20.12.2006, Univ. of Helsinki, Finland
- M.Sci. in pharmacology in 24.3.2003, Univ. of Eastern Finland, Kuopio, Finland
- B.Sci. in Pharmacy, in 10.4.2001, Univ. of Eastern Finland, Kuopio, Finland

2. Other education and special skills

- Qualified pharmacy chemist (2003; *proviisori*), qualified pharmacist (2001; *farmaseutti*)
- Scientific meetings e.g. FENS (5 times), Society for Neuroscience (8 times), Neuroplasticity, Neurotrophic factors & Mood Disorders, NGF (2 times), IBRO (2 times), GRC Neurotrophic Factors (2 times), GRC Inhibition in CNS, Sortilins in sorting & disease, In vivo microscopy (2 times), CINP, ECNP (*pending*), World Congress of Psychiatry (*pending*), CINP Thematic Meeting (*pending*)
- Commercialisation meetings e.g. The Neurotech Investing & Partnering Conference, BIO, The European Neurotech Investing & Partnering Summit (2 times), Slush, Neurogaming expo

3. Language skills (Europass)

- Mother language: Finnish
- English* (listening: B2; reading: B2; spoken interaction: B2; spoken production: B2; writing: C1)
- Swedish* (listening: A1; reading: A1; spoken interaction: A1; spoken production: A1; writing: A1)

4. Current positions

- Associate Professor (molecular pharmacology) (2018-)
- Academy Research Fellow (1.9.2014-30.8.2019)
- Adjunct Professor (neuropharmacology) in 14.6.2011, Univ. of Helsinki, Finland

5. Previous positions

- Project leader, Neuroscience Center, Univ. of Helsinki, 1.1.2013-30.8.2014.
- Postdoctoral fellow, Neuroscience Center, Univ. of Helsinki, Finland, 1.1.2007–30.8.2012
- PhD student, Neuroscience Center, Univ. of Helsinki, Finland, 23.6.2003–31.12.2006

6. Research funding, supervising and mentoring

- Funding: Academy Research Fellow project, Academy of Finland (434.500,00 €; 1.9.2014-31.8.2019); Academy Research Fellow project – research funding for the first 3 years (330.000,00 €; 1.9.2014-31.8.2017); TEKES Innovation Agency (477.000,00 €; 1.9.2016-31.8.2018); Academy of Finland – Key project funding (298.000,00 €; 1.10.2016-31.8.2018); Academy Research Fellow project – research funding for the last 2 years (220.000,00 €; 1.9.2017-31.8.2019)
- Previous Funding: The Finnish Cultural Foundation (16.000,00 €; 1.1.-31.12.2006)
- Official supervisor of PhD studies: 5 times
- Official supervisor of post doctoral scientists: 3 times
- Official supervisor of *pro gradu* work: 13 times
- Supervisor of internship: 4 times
- Supervisor of laboratory practise/rotation: 6 times

7. Teaching

- Course organizer: *Basic methods in molecular biology* (2012-; 2.5cr), *Social outreach* (2013-; 3cr)
- Lectures & group exercises: *In vivo methods in pharmacology* (2007-2014; Univ. of Helsinki, Finland), *Cell culture techniques and alternative methods in toxicology II* (2008, Univ. Tampere, Finland), *Depression: associated mechanisms and neuropathologies* (2010, Univ. of Porto, Portugal), *Phenotypic analysis of transgenic animals* (2010-14), *Basic methods in molecular neurobiology* (2012-, Univ. of Helsinki, Finland), *Translational neuroscience* (2012, Univ. of Helsinki, Finland)
- Supervisor of master's theses: 13 times

8. Awards and honours

- Award of excellent success in 2010 (Neuroscience Center, University of Helsinki)
- Chemist of the Year 2016
- 1st poster prize: 2 times.

9. Other scientific and academic merits

- Opponent of PhD thesis: 3 times
- PhD thesis pre-examiner: 10 times

- Reviewer of Adjunct Professor applications: 4 times
- Reviewer of grant applications: *Internation stichting Alzheimer onderzoek (ISAO), University of Århus, University of Eastern Finland*
- Reviewer of master's theses: >10 times
- Member of PhD student steering group: >10 times
- Important memberships: The Finnish Pharmacists' Association, The Finnish Stuttering Association, Brain Research Society of Finland (BRSF), Federation of European Neuroscience Societies (FENS), Finnish Graduate School of Neuroscience (FGSN), Finnish Pharmacological Association, Society for Neuroscience (SfN)
- Field/Guest Editor: The International Journal of Neuropsychopharmacology
- Reviewer e.g. Neuropharmacology, European Neuropsychopharmacology, The International Journal of Neuropsychopharmacology, Molecular Neurodegeneration, Clinical Pharmacology & Biopharmaceutics, Mini-Reviews in Medicinal Chemistry, Evidence-Based Complementary and Alternative Medicine, Behavioural Brain Research, International Journal of Molecular Sciences, Neuroscience, Naunyn-Schmiedeberg's Archives of Pharmacology, BMC Neuroscience, Experimental Brain Research, International Journal of Developmental Neuroscience, F2000Research, Duodecim
- Organization committee member: Joint pavilion with VTT/Aalto/Univ. of Helsinki at the BIO summit, Washington DC, USA, 2011; Pure Finland, Science in Dialogue in Beijing, China, 2014.

10. Scientific and societal impact of research

- Peer-review publications (Web of Science)
 - Number of accepted articles: 39
 - H-index: 19
- Innovation disclosures: ~10 (all at the Univ. of Helsinki)
- Patent applications: 2 (one lapsed, one pending)
- Invited speaker: University of Eastern Finland, Finland (several times); University of Helsinki, Finland (several times); CINP, Vancouver, Canada; University Peking, China; The Finnish Open University, Finland; Pharmacy Days, Helsinki, Finland (several times); Finnish Medicines Agency, Finland; Psychiatry Days, Finland; University of Århus, Denmark; University of Hannover, Germany, University of Tartu, Estonia; University of Tallinn, Estonia; Niuvanniemi Hospital, Kuopio, Finland.
- >40 posters and abstracts in international scientific conferences
- Other lectures and presentations: Neuroplasticity, Neurotrophic Factors & Mood Disorders, Pisa, Italy; SfN2013, San Diego, CA, USA; Science in Dialogue, Peking University, Beijing, China.

11. Societal activities

- Coordinator of *the Finnish Neurodegeneration Initiative* 2009-14.
- Coordinator of *the Neuroscience VRGO (Viikki Research Group Organization)* 2015-.
- Moderator/chairman: Pharmacy Days (several times); World Congress of Psychiatry (2017), ECNP (2017)
- Substance expert for BIO2011 animation (Woltti Ltd., Helsinki)
- Co-founder and moderator of interdisciplinary "BrainNetwork" discussion forum (2012-13)
- Active publishing in pharmacy/medicine/science –oriented trade journals and association journals
- Opinion letters in national and local newspapers: 4 times
- Interviews: ~10 times
- Account auditor for the Brain Research Society of Finland (BRSF) (2013)
- Other activities: Brain Awareness Week presentations, School visits

12. Other merits

- FELASA curriculum (C-category) (22.3.2002)