

Curriculum vitae – prof. Johanna H. Meijer



• EDUCATION

- 1989 PhD (*cum laude*)
Dept. of Physiology, Leiden University, the Netherlands
- 1985 Master's degree (*cum laude*)
Departments of Biology, Physics, and Medicine, Leiden University,
Leiden, the Netherlands

• CURRENT POSITIONS

- 2007 – present Professor and Head of Neurophysiology
Dept. of Cell and Chemical Biology, Leiden University Medical Center, Leiden, the Netherlands
- 2013 – present Visiting Professor
Nuffield Laboratory of Ophthalmology, Sleep and Circadian Neuroscience Institute, Dept. of
Ophthalmology, University of Oxford, Oxford, UK

• PREVIOUS POSITIONS

- 2001 – 2007 Associate Professor Department of Physiology, LUMC, Leiden, the Netherlands
- 1992 – 2001 Assistant Professor Department of Physiology, LUMC, Leiden, the Netherlands

• FELLOWSHIPS AND AWARDS

- 2020 Dutch National Research Agenda grant for the BioClock Consortium (9,7 Million euro)
- 2019 European Research Council grant "The circadian clock in day-active species: Preserving our health in modern society" (2,4 Million euro)
- 2016 Aschoff and Honma Prize in Biological Rhythm Research (most prestigious international prize in the circadian research field, awarded biannually)
- 1999 Best Teacher Award in BioPharmaceutical Sciences (Fac. Natural Sciences, Leiden Univ)
- 1993 Aschoff's Rule (prize for eminent contributions in chronobiology supporting the interdisciplinary spirit of the field), received from Noble prize winner J Hall
- 1989 Fellowship, duration 3 years, from the Royal Dutch Academy of Sciences

• SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

- 14 completed PhD dissertations, 8 current PhD candidates
- 9 former postdoctoral fellows, currently 3 postdoctoral fellows
- Mentor of assistant and associate female professors, Women in Science program LUMC
- Mentor of female LUMC postdocs, "Vitaal" (female network) program LUMC

• TEACHING ACTIVITIES

- 2015 – 2019 Development, Coordinator and lecturer interdepartment honors class: Complexity Theory
- 2014 Development 10 week minor course "Advances in Neurosciences"
- 2013 – present Lecturer and Co-organizer of the Circadian Summers School in Oxford
- 2011 – 2014 Development, Coordinator and lecturer interdepartmental honors class: Obesity, a global problem requiring global solutions
- 2009 – present Lecturer, "Mechanisms of Ageing" (Leiden Academy)
- 2006 – present Lecturer and Co-organizer, "Introduction to Neuroscience" (Biomedical Sciences, Leiden)
- 2000 – 2012 Course Coordinator and Lecturer, "Physiological Regulation and Feedback Systems"
- 2007 – present Lecturer, "Advances in Neuroscience", Frontiers of Science course
- 2007 – 2010 Lecturer, "The Nervous System", first-year medical students

- 2000 – 2005 Lecturer, Neuroscience Program (Dept. of Biology, Utrecht University)
- 1999 – 2005 Course Coordinator, “Cognitive Neurosciences” (annual interdepartmental course)
- 2001 – 2003 Course Coordinator, Neurosciences for Life Science and Technology (Leiden and Delft)
- 2000 – 2011 Course development, coordinator and Lecturer, “How to Write a Research Proposal”
- 1996 – 2001 Course Coordinator, “Chronobiology” (interdepartmental course)
- 1993 – 2000 Course Coordinator, “Neurophysiology” (BioPharmaceutical Sciences, Leiden)

- **ORGANISATION OF SCIENTIFIC MEETINGS**

- 2016 Organizer, satellite symposium “Network Science” (Leiden)
- 2015 Organizer, “Complexity Science” (Lorentz Center Meeting)
- 2015 Organizer, “Modelling Human Circadian Rhythms” (Lorentz Center Meeting,
- 2014 Co-organizer, Chronobiology Summer School program (Oxford)
- 2013 Organizer, “Clinical relevance of circadian rhythms” (Lorentz Center Meeting, with C. Colwell, UCLA, R. Foster, Oxford, and D. Swaab, Amsterdam)
- 2012 Organizing committee, Complexity Winter School (NWO Program in Complexity, Zandvoort)
- 2011 Program committee member, Leiden International Medical Student Conference (Leiden)
- 2010 Organizer, “Assembling a Multi-Cellular Circadian Pacemaker: Seeking Principles of Neural Circuit Organization” (Lorentz Center Meeting, with W Schwartz, L Morin and Helfrich Foster)
- 2009 Program committee member, Leiden International Medical Student Conference (Leiden)
- 2006 Program committee member, Society for Research on Biological Rhythms conference (Canada)
- 2004 Co-organizer, “Time” interdepartmental lecture series (Leiden)
- 2002 Organizer, “The Circadian Clock” symposium in honour of Prof. W.J. Rietveld (Leiden)
- 2001 Organizer, “Neurobiology of Circadian Rhythms” (5th Endo-Neuro meeting)

- **INSTITUTIONAL RESPONSIBILITIES**

- 2012 – present LUMC representative, Life Sciences Committee, Bioscience Initiative (Faculty of NaturalSciences, Leiden University)
- 2012 – present Mentor in ‘Woman in Science program’, for junior female academic staff members
- 2012 – present Content Development and Coordinator, Annual Interdisciplinary Honours Courses
- 2011 – present Co-founder and Organizer, Committee for the Advancement of Female Faculty Members (Leiden University)
- 2009 – present Selection committee MD/PhD program LUMC
- 2008 – present Committee member, C.J. Kok Prize for promising young researchers at LUMC
- 2010 – 2014 LUMC representative to the University Honours Council
- 2008 – 2011 Co-founder and Organizer, “Vitaal” (LUMC Network for Female Scientists and Clinicians)
- 2001 – 2009 Coordinator Physiology education LUMC

- **REVIEWING ACTIVITIES**

- Editorial board member, *Journal of Biological Rhythms* and *Chronobiology International*; invited peer reviewer of 20-25 articles/year for Nature, Science, PNAS, Curr Biol etc;
- NWO Vidi grant committee member;
- Member of the Royal Dutch Society for Sciences;
- National scientific member for non-academic hospitals and academic medical centers for design shift work recommendations and app);
- Member of Life Sciences Board, Lorentz Center, Leiden; Board of NWO “Complexity” program successfully launched 2015

- **MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

- 2015 – present FENS member

2000 – present European Biological Rhythm Society
1998 – present Society for Neuroscience
1991 – present American Society for Research on Biological Rhythms (board member 2013–2015)

- **MAJOR COLLABORATIONS**

Prof. R Foster, Oxford University, UK – Topic: Retinal processing
Prof. GD Block, and Prof C. Colwell UCLA, USA – Topic: SCN electrophysiology and aging
Prof. F Scheer, Harvard, Prof. EG Stanley, Boston University – Topic: Time series analysis
Prof. S Hattar, John Hopkins, US – Topic: Retinal processing
Dr. E Challet and Prof P Pevet, Strassbourg Univ, France – Topic: Circadian rhythms in *Arvicanthis*

- **PUBLIC ENGAGEMENT, RECOGNITION, AND MEDIA APPEARANCES (SELECTED)**

European Research Council: recognition of Coronavirus epidemic response efforts (2020)
Elected Ambassador of the Night of the Night (2020)
Article ‘Excessive light has consequence for health’ (Lucassen et al., 2016), covered in New York Times, New Scientist, Nature, and 30 others (2016)
Academic Ambassador for the City of Leiden (2015 – present)
‘Light round the clock speeds up aging in mice’, *The Huffington Post* (July 14, 2016)
‘Lack of exercise can disrupt the body’s rhythms’, DFA as mathematical measure for health (Gu et al, PNAS 2015), *The New York Times* (May 20, 2015)
‘Wild mice use running wheels’, highlighted and featured in *The New York Times*, *USA Today*, *Der Spiegel*, *NRC*, *Scientific American*, *The Guardian*, *The Huffington Post*, and 40 others (2014)
Interview in *BBC Wildlife* magazine (August 2014)
National television program “Labyrint: Shedding new light on the biological clock” (October 2012)

- **MAJOR CONTRIBUTIONS TO THE EARLY CAREERS OF EXCELLENT RESEARCHERS (SELECTED):**

Tom de Boer (former postdoc): Associate Professor, Department of Molecular and Cellular Biology, LUMC
Mariska van Steensel (former PhD student): Assistant Professor, Utrecht University Medical Center
Jos Rohling (former PhD student): Senior Researcher (tenure-track), Department of Molecular and Cellular Biology, LUMC
Floor van Oosterhout (former PhD student): Senior Researcher and Consultant for Sleep Disorders, AMC Amsterdam
Changgui Gu (former postdoc): Associate Professor, University of Shanghai for Science and Technology, China
Hester van Diepen (former PhD student): Senior Researcher in Ophthalmology, ProQR Therapeutics, Leiden
Laura Kervezee (former PhD student): Postdoc on human chronobiology, McGill University, Montreal, Canada