

## 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 Molecular and Cellular 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

- 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

- 12 completed PhD dissertations, 5 current PhD candidates  
6 former postdoctoral fellows, currently 2 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 – present 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 Oxord
- 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" (5<sup>th</sup> Endo-Neuro meeting)

- **INSTITUTIONAL RESPONSIBILITIES**

- 2012 – present LUMC representative, Life Sciences Committee, Bioscience Initiative (Faculty of Natural Sciences, 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, UCLA, USA – Topic: SCN electrophysiology and aging
- Prof. F Scheer and Dr. K Hu, Harvard, Prof. EG Stanley – Topic: Detrended fluctuation analysis
- Prof. S Hattar, John Hopkins, US – Topic: Retinal processing
- Dr. E Challet and Prof P Pevet, Strassbourg Univ, France – Topic: Circadian rhythms in *Arvicantis*

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

'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 "Labyrinth: 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 Kerzeze (former PhD student): Postdoc on human chronobiology, McGill University, Montreal, Canada