



Name: Prof. Dr. Paul J. Lucassen

Program: SILS-CNS, FNWI, University of Amsterdam

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EXPERTISE: Plasticity of the Brain, neurogenesis, stem cells, (early life) stress, cognition, depression, epilepsy, Alzheimer

SCIENTIFIC CAREER:

1996; PhD (*cum laude*) Neth.Inst.Neuroscience Amsterdam. Thesis: 'The relationship between neuronal activity, brain aging and Alzheimer's disease. Promotor: Prof. Dr. D.F. Swaab
1995-1998 Postdoc, LACDR Leiden University, with Prof. Dr. E.R. De Kloet
1998-2004 Assistant Professor at SILS CNS, UvA, with Prof. Dr. M. Joels
2004-2011 Associate professor at SILS-CNS, UvA, interim group leader.
2011-.. Full Professor at SILS-CNS, UvA, Structural and Functional Plasticity of the Nervous system

ACADEMIC POSITIONS:

- Group leader, member of the daily board of the SILS-CNS cluster and SILS staff member.
- Master program developer/coordinator of the Master track 'Pathophysiology and Psychopharmaca (PPP)'.
- Chairman Scientific Advisory board Int Society Alzheimer Research (ISAO).

SCIENTIFIC SERVICES (2010-2014):

-Editorial boards: Neuroscience, PlosOne, Stress, Journal of Alzheimer's disease, Frontiers in Neurogenesis, Brain Plasticity, Translational Medicine, Field editor Encyclopedic Reference of Neuroscience series (Springer), guest editor of a special issue for Neural Plasticity.
-Frequent Reviewer for: Science, Nature Neurosci., Brain, PNAS, J.Neurosci., Biol.Psych, Mol.Psych., J.Affective Dis., NeuroPsychopharm., TICS, EJM, J Psych Res, PLOS1, Exp.Neurol., J.Comp.Neur., PNE.
-Evaluation panels: National: NWO TALENT, ASPASIA, VENI, MtO, HersenStichting NL, ISAO, Alzheimer NL. International: Alzheimer Association, Alzheimer RF, LECMA, Welcome Trust, BBSRC, Health Research Council New Zealand, Israeli Science Foundation, NZ Neurol Foundation, Marsden Fund, Ontario MHF (Can), ANR (Fr), ECNP Fellow, J&J consultant, SFI. Invited PhD committee opponent; 40x national, 4x international.

AWARDS/PRIZES/MAJOR GRANTS

- Organon prize for Endocrinology 1996. -SILS teaching award 2013, SILS award 2014 best group & papers.
- Appointed Visiting Professor, Tongji Medical College, Wuhan, China 2008.
- VW Stiftung (6KE, co-PI), EU MC NEURAD (1.8ME, co-PI), PRIOMEDCHILD (7 kE, co-PI), various grants from NWO, HersenStichting, TNO, US Army (DTRA), KNAW, ISAO, IPF, Corcept Inc, ABC Talent, ABMP.

OUTPUT Publications: >140 peer-reviewed publications, >25 book chapters.

- H-factor: 42 (Web of knowledge Sep 2015) >6214 cites. H-index 50 @ Google Scholar >9121 cites.
- > 200 invited lectures at several (inter)national meetings and laboratories.

Supervision of PhD theses: 7 completed, 8 in progress.

Scientific teaching: coordinator/teacher in PPP master track (>50 students), extensive participation in bachelor Biomed. Sciences (250) and Psychobiology (>350 students enrolled yearly), supervision of >120 interns & >150 thesis students. Organizer (inter)national masterclasses, meetings and symposia.

Outreach: Contributions to Alzheimer days, 'publieksdagen', press conferences FENS, SPUI25 lecture, radio/magazine interviews, Highschool lectures, Brain Awareness week contributions.

KEY PUBLICATIONS (2010-2015):

- CA Oomen, (..) PJ Lucassen* & H Krugers. Severe early life stress hampers spatial learning and neurogenesis (..). *J Neurosci* 2010; 30, 6635-45 (IF 6.9).
- KJ Doorn, PJ Lucassen (..) and A-M van Dam. Emerging roles of microglial activation and non-motor symptoms in Parkinson's disease. *Prog Neurobiol* 98 (2012) 222-238 (IF 9.0).
- C P Fitzsimons (..), E Vreugdenhil. Knockdown of the glucocorticoid receptor alters functional integration of newborn neurons (..) and impairs fear-motivated behavior. *Mol Psychiatry* 2013 18: 993-1005 (IF 14.8).
- I Zalachoras (..), OC Meijer. Differential Targeting of Brain Stress Circuits with a Selective Glucocorticoid Receptor Modulator. *Proc Natl Acad Sci U S A.* 2013; 110(19):7910-5 (IF 9.8).
- PJ Lucassen (..) A. Korosi. Perinatal programming of hippocampal structure and function; emerging roles of stress, neurogenesis, epigenetics and early nutrition. *Trends Neurosci.* 2013; 36(11):621-31 (IF 13.5).
- PJ Lucassen (..) Boldizsár Czéh. Neuropathology of Stress. *Acta Neuropathol.* 2014;127:109-35 (IF 9.7).
- PJ Lucassen (..) A. Korosi. Regulation of adult neurogenesis and plasticity by (early) stress, glucocorticoids and inflammation. *Cold Spring Harb Perspect Biol* 2015;7:a021303 (IF 8.9).