

Maastricht Student
Journal
of
Psychology and
Neuroscience

Maastricht Student Journal of Psychology and Neuroscience
(MSJPN)

Editors

Caroline Benjamins, MSc
Dept. of Cognitive Neuroscience
Faculty of Psychology and Neuroscience
Maastricht University
caroline.benjamins@maastrichtuniversity.nl

Laura Borghans, PhD
Centre for Human Drug research, Leiden
L.Borghans@chdr.nl

Xanthate Duggirala, MSc
Dept. of Neuropsychology & Psychopharmacology
Faculty of Psychology and Neuroscience
Maastricht University
Xanthate.duggirala@maastrichtuniversity.nl

Alexandra Emmendorfer, MSc
Dept. of Cognitive Neuroscience
Faculty of Psychology and Neuroscience
Maastricht University
a.emmendorfer@maastrichtuniversity.nl

Lilian Kloft, MSc
Dept. of Neuropsychology & Psychopharmacology
Faculty of Psychology and Neuroscience
Maastricht University
L.Kloft@maastrichtuniversity.nl

Noralie Krepel, MSc
Dept. of Cognitive Neuroscience
Faculty of Psychology and Neuroscience
Maastricht University
Noralie.krepel@maastrichtuniversity.nl

Natasha Mason, MSc

Dept. of Neuropsychology & Psychopharmacology
Faculty of Psychology and Neuroscience
Maastricht University
Natasha.mason@maastrichtuniversity.nl

Vaishnavi Narayanan, MSc
Dept. of Cognitive Neuroscience
Faculty of Psychology and Neuroscience
Maastricht University
Vaishnavi.narayanan@maastrichtuniversity.nl

Boukje Nass, MSc
Dept. of Neuropsychology & Psychopharmacology
Faculty of Psychology and Neuroscience
Maastricht University
Boukje.nass@maastrichtuniversity.nl

Christine Resch, MSc
Dept. of Neuropsychology & Psychopharmacology
Faculty of Psychology and Neuroscience
Maastricht University
christine.resch@maastrichtuniversity.nl

Peter van Ruitenbeek, PhD
Dept. of Neuropsychology & Psychopharmacology
Faculty of Psychology and Neuroscience
Maastricht University
p.vanruitenbeek@maastrichtuniversity.nl

Contact email for all MSJPN related material:
studentjournal-fpn@maastrichtuniversity.nl

Information and submission of manuscripts:
openjournals.maastrichtuniversity.nl/MSJPN

Reviewing Board

Xanthate Duggirala, MSc
Alexandra Emmendorfer
Nina Engels, BSc

Simona Klinkhammer, BSc
Lilian Kloft, MSc
Natasha Mason, MSc
Christine Resch, MSc
Peter van Ruitenbeek, PhD
Jenny Rutten, BSc
Maartje de Vries, BSc

Disclaimer

The authors, editors, and publisher will not accept any legal responsibility for any errors or omissions that may be made in this publication. The articles reflect only the authors' view. In addition papers presented in this journal are products of students from the Faculty of Psychology and Neuroscience, Maastricht University and are meant for student educational purposes only.

Maastricht Student Journal of Psychology and Neuroscience

Volume 8 Number 1 July 2019

*Caroline Benjamins, MSc
Laura Borghans, MSc
Xanthate Duggirala, MSc
Alexandra Emmendorfer, MSc
Lilian Kloft, MSc
Noralie Krepel, MSc
Natasha Mason, MSc
Vaishnavi Narayanan, MSc
Boukje Nass, MSc
Christine Resch, MSc
Peter van Ruitenbeek, PhD
(eds.)*

CONTENTS

Letter from the Editorial Board 9

Imaginary systems? Perspectives on hippocampal function
beyond memory 12

Lukas Alexander Leube

The effects of amphetamine on the neurobiology of memory
consolidation from a pharmacodynamic and toxicological
perspective 30

Monika Toth

Can Drug Addiction be Treated by Manipulating Memory?:
A Literature Review of Memory-Based Treatments and a
Qualitative Comparison with Conventional Treatments 55

Maja Paloma Völker

Oxytocin in autism spectrum disorders: role and potential
application 93

Ioana Staicu

