

Curriculum Vitae: Dr. Lisa Wirz

Personal Information

Work address	Kapittelweg 29 6525 EN Nijmegen The Netherlands
E-Mail	L.Wirz@donders.ru.nl

Education and Research Experience

- | | |
|-------------------|--|
| 06/2019 – present | Radboud University / Donders Institute for Brain, Cognition and Behaviour
Cognitive Affective Neuroscience Laboratory, Dr. Erno Hermans <ul style="list-style-type: none">• Project: Differential effects of noradrenaline and cortisol on the temporal dynamics of memory representations |
| 10/2014 – 05/2019 | Hamburg University / <u>Dr. rer. nat.</u> (magna cum laude)
Cognitive Psychology Laboratory, Prof. Dr. Lars Schwabe <ul style="list-style-type: none">• PhD Thesis: Stress effects on memory and emotion: genetic differences in resilience and vulnerability• Methods: fMRI, EEG, genetics, eye tracking, hormone analysis, TSST, SECPT |
| 11/2013 – 08/2014 | McGill University, Douglas Mental Health Institute / <u>Research Internship</u>
McGill Centre for Studies in Aging, Prof. Dr. Jens Pruessner <ul style="list-style-type: none">• Master Thesis: Acute effects of Laughter Yoga on the stress response |
| 02/2013 – 11/2013 | Maastricht University / <u>Research Assistance</u>
Brain and Emotion Laboratory, Prof. Dr. Beatrice de Gelder <ul style="list-style-type: none">• Project: Unconscious processing of affective bodily stimuli (fMRI) |
| 09/2012 – 08/2014 | Maastricht University / <u>M.Sc. in Cognitive and Clinical Neuroscience</u> <ul style="list-style-type: none">• Research Master in Neuropsychology |
| 09/2011 – 12/2011 | Brock University (Canada) / <u>Research Internship</u>
Cognitive & Affective Neuroscience Laboratory, Prof. Dr. Sidney Segalowitz <ul style="list-style-type: none">• Bachelor Thesis: Callous affect and early visual processing of fearful faces (EEG) as part of the Maastricht University Research Based Learning (MaRBL) program for excellence |
| 09/2009 – 08/2012 | Maastricht University / <u>Bachelor of Science</u> <ul style="list-style-type: none">• Bachelor in Psychology |

Curriculum Vitae: Dr. Lisa Wirz

Skills and Competences

Neuroimaging	<ul style="list-style-type: none">• fMRI: SPM, Marsbar• EEG (Biosemi active electrodes): Brain Vision Analyzer, EEGLab, ERP Score
Psychophysiology	<ul style="list-style-type: none">• Salivary cortisol and alpha-amylase (chemiluminescence immunoassays)• Blood pressure and heart rate• Eye tracking (EyeLink 1000 Plus, SMI RED500): EyeLink DataViewer, Fieldrip to investigate pupil dilation
Behavioral	<ul style="list-style-type: none">• Stress induction paradigms: TSST, SECPT, MAST, MIST• Survey generators: Qualtrics
Programming & Data analysis	<ul style="list-style-type: none">• Matlab (Psychtoolbox)• Presentation• Delphi• SPSS Statistics
Review activities	Psychoneuroendocrinology Frontiers in Psychology Anxiety, Stress and Coping
Teaching and Supervision	Teaching courses and supervision of 6 theses in the MSc and BSc Psychology programs at Hamburg University
Academic Affiliations	Member of the Ethical Committee at Hamburg University
Languages	German: mother tongue English: fluent in spoken and written (C1) Dutch: fluent in spoken and written (NT2)

Curriculum Vitae: Dr. Lisa Wirz

Publications

Wirz, L., Schwabe, L. (2020). Prioritized attentional processing: Acute stress, memory and stimulus emotionality facilitate attentional disengagement. *Neuropsychologia*, 138, 107334.

Wirz, L., Reuter, M., Felten, A., Schwabe, L. (2018). An endocannabinoid receptor polymorphism modulates affective processing under stress. *Soc Cogn Affect Neurosci*, 1-13.

Wirz, L., Bogdanov, M., Schwabe, L. (2018). Habits under stress: mechanistic insights across different types of learning. *Curr Opin Behav Sci*, 20, 9-16.

Wirz, L., Reuter, M., Wacker, J., Felten, A., Schwabe, L. (2017). A haplotype associated with enhanced mineralocorticoid receptor expression facilitates the stress-induced shift from 'cognitive' to 'habit' learning. *eNeuro*, 4(6), e0359-17.2017.

Wirz, L., Wacker, J., Felten, A., Reuter, M., Schwabe, L. (2017). A deletion variant of the $\alpha 2b$ -adrenoceptor modulates the stress-induced shift from 'cognitive' to 'habit' memory. *JNeurosci*, 37(8), 2149-2160.

Conference Presentations

Talks

Wirz, L., Reuter, M., Wacker, J., Felten, A., Schwabe, L. (2017, June). A haplotype of the MR system promotes the stress-induced shift toward procedural learning. Oral presentation in the symposium "stress \times gene interactions in health and disease" at the 43rd annual 'Psychologie und Gehirn' conference, Trier, Germany.

Posters

Wirz, L., Reuter, M., Wacker, J., Felten, A., Schwabe, L. (2017, November). A haplotype of the mineralocorticoid receptor gene promotes the stress-induced shift from 'cognitive' to 'habit' learning. Poster presented at the 47th annual meeting for the Society for Neuroscience, Washington D.C., U.S.A..

Wirz, L., Wacker, J., Reuter, M., Schwabe, L. (2016, July). A genetic variant of the noradrenergic system alleviates the stress-induced shift towards procedural learning. Poster presented at the International Conference On Memory (ICOM), Budapest, Hungary.

Wirz, L., Wacker, J., Reuter, M., Schwabe, L. (2016, May). A genetic variant of the noradrenergic system alleviates the stress-induced shift towards procedural learning. Poster presented at the 42nd annual 'Psychologie und Gehirn' conference, Berlin, Germany.

Wirz, L., Wacker, J., Schwabe, L. (2015, September). Individual differences in stress effects on the engagement of multiple memory systems: the role of genetic variations. Poster presented at the European Brain and Behavior Society (EBBS) Meeting. Verona, Italy.

Weissflog, M., Munro, G.E.S., Wirz, L., Segalowitz, S.J., Dywan, J. (2012, September). Callous affect and the early visual processing of fearful faces. Presented at the 52nd annual meeting for the Society for Psychophysiological Research, New Orleans, U.S.A..