Curriculum Vitae

Personal Data

Title	Prof. Dr. rer. nat. Dipl.-Psych.
First name	Nina
Name	Alexander
Current position	W2 Professor
Current institution(s)/ site(s), country	Department of Psychiatry and Psychotherapy, Faculty of Medicine, UKGM, Philipps-Universität Marburg (UMR), Germany
Identifiers/ORCID	0000-0002-0106-1249

Qualifications and Career

Stages	Periods and Details	
Degree programme	2002–2007	Psychology, Justus-Liebig-Universität (JLU), Gießen, Germany
Doctorate	2010	Dissertation, Psychology, "Genetic and environmental predictors of endocrine stress reactivity", JLU Gießen, Germany
Stages of academic/ professional career	2021–present	Professor of Translational Psychiatry (W2), Dept. of Psychiatry and Psychotherapy, UMR, Germany
	2016–2021	Professor of Differential Psychology and Personality Research, MSH Medical School Hamburg, Germany
	2016	Habilitation in Psychology, TUD, Germany
	2014	Visiting Scientist, Life Span Development Lab, Northwestern University, Evanston, USA
	2012	Visiting Scientist, Dept. of Psychology/Genomics Core Facility, Stony Brook University, New York, USA
	2010–2016	Postdoctoral Research Fellow, Dept. of Psychology, Section Biological Psychology, TUD, Germany
	2007–2010	Research Fellow, Dept. of Psychology, Section Differential Psychology and Personality Research, JLU, Germany
	2006	Visiting Scientist, Department of Behavioral Genetics, Emory University, Atlanta, USA

Engagement in the Research System

since 2023 Board of Directors Center for Mind, Brain and Behavior (CMBB), Member of the Board German Psychological Society, Biological Psychology and Neuropsychology section

since 2015 Reviewer for several funding organizations (selection): German Research Foundation, Netherlands Organisation for Scientific Research, Agence nationale de la recherche, Swiss National Science Foundation, Studienstiftung des Deutschen Volkes

since 2010 Reviewer for more than 35 scientific journals (selection): Molecular Psychiatry, Translational Psychiatry, Biological Psychiatry

Editorial board memberships

since 2022 Journal of Psychiatric Research, Psychoneuroendocrinology, Comprehensive Psychoneuroendocrinology

Supervision of Researchers in Early Career Phases

- Long-standing and regular contributions to multidisciplinary training for undergraduate, graduate and postgraduate students, including lectures, seminars and practical courses, on different topics of Biological and Personality Psychology and Cognitive Neuroscience. Since 2010, supervision of 9 PhD and more than 100 BSc/MSc students.

Scientific Results

Contributions: [1]Conceptualization/Methodology, [2]Analysis, [3]Investigation, [4]Funding Acquisition, [5]Writing

Category A (10 selected publications out of 57)

Müller A, …, **Alexander N**[1,2,3,4,5]: No long-term effects of antenatal synthetic glucocorticoid exposure on epigenetic regulation of stress-related genes. Transl Psychiatry 2022; 12(1):62. DOI: 10.1038/ s41398-022-01828-x

Stoffel M, …, **Alexander N**[1,2,5], Ditzen B: Effects of a mindfulness-based intervention on serotonin transporter gene methylation. Psychother Psychosom 2019; 88(5):317-319. DOI: 10.1159/000501646

Alexander N[1,2,3,4,5], …, Miller R: Glucocorticoid receptor gene methylation moderates the association of childhood trauma and cortisol stress reactivity. Psychoneuroendocrinology 2018; 90:68-75. DOI: 10.1016/j.psyneuen.2018.01.020

Ilg L, …, **Alexander N**[1,2,3,4,5]: Persistent effects of antenatal synthetic glucocorticoids on endocrine stress reactivity from childhood to adolescence. J Clin Endocrinol Metab 2018; 104(3):827-834. DOI: 10.1210/jc.2018-01566

Muehlhan M, Kirschbaum C, Wittchen U, **Alexander N**[1,2,3,4,5]: Epigenetic variation in the serotonin transporter gene predicts resting state functional connectivity strength within the salience- network. Hum Brain Mapp 2015; 36(11):4361-71. DOI: 10.1002/hbm.22923

Wankerl M, …, **Alexander N**[1,2,3,4,5]: Effects of genetic and early environmental risk factors for depression on serotonin transporter expression and methylation profiles. Transl Psychiatry 2014; 4(6):e402. DOI: 10.1038/tp.2014.37

Miller R, …, **Alexander N**[1,2,3,5]: The serotonin transporter gene-linked polymorphic region (5-HTTLPR) and cortisol stress reactivity: A meta-analysis. Mol Psychiatry 2013; 18(9):1018-1024. DOI: 10.1038/ mp.2012.124

Alexander N*[1,2,3,4,5], …, Hennig J: Interaction of 5-HTTLPR and environmental adversity: Increased amygdala-hypothalamus connectivity as a potential mechanism linking neural and endocrine hyper-reactivity. Biol Psychiatry 2012; 72(1):49-56. DOI: 10.1016/j.biopsych.2012.01.030

Alexander N[1,2,3,4,5], …, Hennig J: Gene-environment interactions predict cortisol responses after acute stress: Implications for the etiology of depression. Psychoneuroendocrinology 2009; 34(9):1294-303. DOI: 10.1016/j.psyneuen.2009.03.017

Bull SJ, Huezo-Diaz P, …, **Alexander N**[1,2,5], …, **Pariante C**: Functional polymorphisms in the interleukin-6 and serotonin transporter genes, and depression and fatigue induced by interferon-alpha and ribavirin treatment. Mol Psychiatry 2009; 14(12):95-104. DOI: 10.1038/mp.2008.48

Category B

n/a

Science communication (selected)

via public lectures (e.g., “Lange Nacht der Wissenschaft, Dresden”, “Psychologie am Samstag” , “Bürgeruniversität/Seniorenakademie”, “Publikumsgespräche in Kooperation mit Dresden Concept”; see e.g., May 2023, “Reden wir über Genetik, Dresden Hygiene Museum:

https://dresden-concept.de/aktuelles/reden-wir-ueber-genetik/”)

Academic Distinctions

since 2012 Several Karl-und-Charlotte-Bühler awards for excellent teaching

since 2004 Several Career Development and Travel Awards (selection: scholarschip Studienstiftung des Deutschen Volkes, DFG Postgraduate scholarship, Postdoctoral stipend JLU Giessen; G.A. Lienert Fellowship for the Promotion of Young Investigators in the Field of Biopsychological Methods)

Other Information

n/a