

Curriculum Vitae

Personal Data

Title	Jun.-Prof. Dr. med.
First name	Andreas J.
Name	Forstner
Current position	W1 Professor (tenure track W2)
Current institution(s)/ site(s), country	Institute of Human Genetics, Faculty of Medicine, Rheinische Friedrich-Wilhelms-Universität Bonn, Germany Institute of Neuroscience and Medicine (INM-1), Forschungszentrum Jülich, Germany
Identifiers/ORCID	0000-0002-1876-6368

Qualifications and Career

Stages	Periods and Details	
Degree programme	2005–2012	Medicine, Rheinische Friedrich-Wilhelms-Universität Bonn, Germany
Doctorate	2014	Dissertation, Genetics, “Investigation of the involvement of MIR185 and its target genes in the development of schizophrenia”, Rheinische Friedrich- Wilhelms-Universität Bonn, Germany
Stages of academic/ professional career	2020–present	Junior-Professorship (W1) in Brain Genomics, Institute of Human Genetics, University of Bonn, Germany; Institute of Neuroscience and Medicine (INM-1), Research Center Jülich, Germany
	2019–2020	Medical Specialist in Human Genetics, Medizinisches Versorgungszentrum für Hämostaseologie, Laboratoriumsmedizin, Transfusionsmedizin und Allgemeinmedizin Bonn, Germany (part-time work)
	2018–2020	Research Group Leader “Psychiatric Genetics”, Centre for Human Genetics, UMR, Germany
	2018	Medical Specialist in Human Genetics, Institute of Human Genetics, University of Bonn, Germany
	2018	Board Certificate, Human Genetics, Germany
	2016–2017	Registrar, Department of Psychiatry (UPK), University of Basel, Switzerland

Stages of academic/ professional career	2015–2018	Research group leader “Affective Disorders”, Institute of Human Genetics, University of Bonn, Germany (together with Director Prof. Markus M. Nöthen)
	2013–2018	Registrar, Medizinisches Versorgungszentrum Venusberg – Zentrum Medizinische Genetik, Bonn, Germany
	2012–2018	Registrar and Postdoctoral Fellow, Institute of Human Genetics, University of Bonn, Germany

Engagement in the Research System

- since 2022 Member of the German Society for Bipolar Disorders
- since 2021 Elected Member of the Program Committee of the German Society of Human Genetics (GfH)
- since 2021 Member of the German Association for Psychiatry, Psychotherapy and Psychosomatics (DGPPN)
- since 2021 Member of the “Berufsverband Deutscher Humangenetiker e.V.”
- since 2021 Member of the “Junge Humangenetik”
- since 2020 Co-Speaker of the working group “Events” of the “Junge Humangenetik”
- since 2014 Member of the German Society of Human Genetics (GfH)
- 2012–2015 Member of the International Society of Psychiatric Genetics (ISPG)

Supervision of Researchers in Early Career Phases

- Long-standing and regular implementation of a wide range of courses (lectures and seminars, held in German and English) on different topics in human genetics for students of various educational levels (medical students, BSc, MSc and PhD students). Since 2014, personal supervision of 8 PhD students.

Scientific Results

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

Category A (10 selected publications out of 143)

David FS, **Stein F**, ..., **Jansen A**, **Nenadić I**, Papiol S, ..., **Dannlowski U**, **Kircher T**, Rietschel M, Nöthen MM*, Krug A*, **Forstner AJ***^{1,2,3,5}: Genetic contributions to transdiagnostic symptom dimensions in patients with major depressive disorder, bipolar disorder, and schizophrenia spectrum disorders. *Schizophr Res* 2023; 252:161-171. DOI: 10.1016/j.schres.2023.01.002

Tielke A, ..., Nöthen MM*, Schratt G*, **Forstner AJ***^{1,2,3,5}: Genetic and functional analyses implicate microRNA 499A in bipolar disorder development. *Transl Psychiatry* 2022; 12(1):437. DOI: 10.1038/s41398-022-02176-6

Freff J, ..., **Dannlowski U**, Nöthen MM, Baune BT, **Forstner AJ***^{1,3,5}, **Alferink J***: Chemokine receptor 4 expression on blood T lymphocytes predicts severity of major depressive disorder. *J Affect Disord* 2022; 310:343-353. DOI: 10.1016/j.jad.2022.05.003

Mullins N*, **Forstner AJ***^{1,2,3,5}, ..., **Bauer M**, ..., **Pfennig A**, ..., **Young AH**, ..., **Dannlowski U**, ..., Andreassen OA: Genome-wide association study of more than 40,000 bipolar disorder cases provides new insights into the underlying biology. *Nat Genet* 2021; 53(6):817-829. DOI: 10.1038/s41588-021-00857-4

Andlauer TFM, ..., **Forstner AJ***^{1,2,3,5}, Nöthen MM*, Rietschel M*: Bipolar multiplex families have an increased burden of common risk variants for psychiatric disorders. *Mol Psychiatry*. 2021; 26(4):1286-1298. DOI: 10.1038/s41380-019-0558-2

Forstner AJ*^{1,2,3,5}, Awasthi S*, Wolf C*, ..., **Kircher T**, ..., **Rief W**, ..., Schumacher J: Genome-wide association study of panic disorder reveals genetic overlap with neuroticism and depression. *Mol Psychiatry* 2021; 26(8):4179-4190. DOI: 10.1038/s41380-019-0590-2

Forstner AJ*^{1,2,3,5}, Fischer SB*, ..., **Bauer M**, **Pfennig A**, ..., Cichon S: Whole-exome sequencing of 81 individuals from 27 multiply affected bipolar disorder families. *Transl Psychiatry* 2020; 10(1):57. DOI: 10.1038/s41398-020-0732-y

Stahl EA*, Breen G*, **Forstner AJ***^{1,2,3,4,5}, McQuillin A*, Ripke S*, ..., **Bauer M**, ..., **Pfennig A**, ..., **Young AH**, ..., **Dannlowski U**, ..., Sklar P: Bipolar disorder working group of the psychiatric genomics consortium. Genome-wide association study identifies 30 loci associated with bipolar disorder. *Nat Genet* 2019; 51(5):793-803. DOI: 10.1038/s41588-019-0397-8

Forstner AJ*^{1,2,3,5}, Hofmann A*, ..., **Pfennig A**, **Bauer M**, ..., Nöthen MM: Genome-wide analysis implicates microRNAs and their target genes in the development of bipolar disorder. *Transl Psychiatry* 2015; 5(11):e678. DOI: 10.1038/tp.2015.159

Forstner AJ*^{1,2,3,5}, Basmanav FB*, ..., Cichon S: Investigation of the involvement of MIR185 and its target genes in the development of schizophrenia. *J Psychiatry Neurosci* 2014; 39(6):386-96. DOI: 10.1503/jpn.130189

Category B

n/a

Science communication

n/a

Academic Distinctions

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| 2022 | Jules Angst Research Award of the German Society for Bipolar Disorders |
| 2017–2018 | Junior Research Group Leader, BONFOR program of the Medical Faculty of the University of Bonn, Germany |
| 2017 | Early Career Investigator Program (ECIP) Travel Award, International Society of Psychiatric Genetics |
| 2016 | European Society of Human Genetics (ESHG) National Fellowship 2016 |
| 2009–2010 | Scholarship of the BONFOR program of the Medical Faculty of the University of Bonn, Germany |
| 2006–2012 | Scholarship of the German National Academic Foundation (Studienstiftung des deutschen Volkes) |

Other Information

n/a