

PERSONAL DATA

Name: **Dr. Anna Luisa Klahn** (nee Münsterkötter)
 Date of birth: 12.11.1987
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 ORCID: 0000-0002-9189-6687
 Languages: German (native), English (fluent), Swedish (advanced, C1), French (conversational, B1)

CURRENT POSITION

Since 05/2025 **Researcher** at the Department of Psychiatry and Neurochemistry, Institute of Neuroscience and Physiology, Sahlgrenska Academy, University of Gothenburg, Sweden
 80% research, 20% teaching

PREVIOUS EMPLOYMENTS

05/2022-05/2025 **Postdoctoral researcher** at the Department of Psychiatry and Neurochemistry, Institute of Neuroscience and Physiology, Sahlgrenska Academy, University of Gothenburg, Sweden and at the Department of Medicinal Chemistry and Molecular Biology, Institute of Science, University of Gothenburg, Sweden
 05/2021-11/2024 **Lecturer in psychotherapy**, Association of Behavioural Therapy Dinklar/Hannover, Germany
 08/2018-07/2020 Maternity protection and parental leave
 03/2017-03/2022 **Psychotherapist (executive position) in a private practice**, Wolfsburg and Braunschweig, Germany
 07/2016-02/2017 **Psychotherapist in a psychiatric clinic**, Ameos-Hospital Hildesheim, Germany
 01/2013-06/2016 **Psychotherapist in an outpatient centre**, Institute for Psychotherapy (PTA), University of Münster, Germany
 01/2013-05/2017 **PhD student and researcher**, Department of Psychiatry and Psychotherapy, University of Münster, Germany
 10/2012-09/2013 **Psychotherapist in training**, Department of Psychiatry and Psychotherapy, University of Münster, Germany
 10/2011-09/2012 **Research assistant**, Clinical Psychology, Prof. G. Sartory, University of Wuppertal, Germany
 09/2010-09/2011 **Research assistant**, Clinical Psychology, Prof. A.L. Gerlach, University of Münster, Germany

SCIENTIFIC EDUCATION AND PROFESSIONAL QUALIFICATIONS

12/2018-02/2021 **Certified qualification Specific Psychotraumatotherapy** (German trauma association DeGPT), Institute for Psychotherapy (IPP), Münster, Germany
 05/2017 **PhD/Dr. rer. nat.**, University of Münster, Germany. Thesis title: *Phasic fear and sustained anxiety in anxiety disorders*. Supervisor: Prof. Dr. P. Zwanzger
 11/2016 **Licensed psychological psychotherapist** in Cognitive Behavioural Therapy, district government Münster, Germany
 10/2010-09/2012 **Master of Science Psychology**, University of Wuppertal, Germany
 10/2007-09/2010 **Bachelor of Science Psychology**, University of Münster, Germany

TEACHING EXPERIENCE

Since 10/2024	Lecturer and course coordinator for professional development in the medical program, Sahlgrenska Academy, University of Gothenburg, Sweden
11/2023-05/2025	Pedagogical training Teaching and Learning in Higher Education 1 (PIL-101), Supervision in Postgraduate Programs (PIL-201), University of Gothenburg, Sweden
05/2021-11/2024	Lecturer for the courses <i>Affective Disorders</i> and <i>Conversation Techniques in Psychotherapy</i> for the Association of Behavioural Therapy, Dinklar/Hannover, Germany
10/2012-09/2015	Lecturer for the course <i>Psychiatric Practice</i> for medical students, Department of Psychiatry and Psychotherapy, University of Münster, Germany

SUPERVISION

Since 04/2023	Supervision of research students (four master theses, two bachelor theses, one research intern, one resident psychiatrist)
03/2017-03/2022	Head of supervision group for psychotherapists, Braunschweig, Germany
03/2016-03/2022	Supervision of psychotherapists in training, psychology students and trainees (Ameos-Hospital, Hildesheim and Praxis Dörnenburg, Braunschweig and Wolfsburg, Germany)
6/2013-05/2014	Supervision of two master theses, University of Münster, Germany
01/2013-06/2016	Supervision of psychology interns and medical assistants, University of Münster, Germany

GRANTS

- Märta-Lundqvist Stiftelsen (PI, project grant 2023-2024, 630 000 SEK)
- Wenner-Gren Stiftelserna (travel stipend 2024, 11 650 SEK)
- Kurt och Ingrid Dahréns Stiftelsen (PI, project grant 2024, 250 000 SEK)
- Märta-Lundqvist Stiftelsen (PI, project grant 2024-2025, 697 000 SEK)
- Stiftelsen Wilhelm och Martina Lundgrens Vetenskapsfond (PI, project grant 2024-2025, 50 000 SEK)
- Märta-Lundqvist Stiftelsen (PI, project grant 2025-2026, 600 000 SEK)
- Hjärnfonden (co-applicant, project grant 2025-2027, 1 600 000 SEK)

Total sum of acquired funding as main applicant: 2 238 650SEK

MERITS

- Elected member of the Early Career Academy (ECA) of the European College of Neuropsychopharmacology (ECNP) for a five-year term (2024-2029)
- Member of the ECNP Bipolar Disorders Network for a two-year term (2024-2026)
- ECNP Excellence Award 2025 (500€ travel grant, 100€ price)

ACADEMIC SERVICE

- Reviewer activity: International Journal of Bipolar Disorder (Editorial board), Translational Psychiatry, Neuropsychopharmacology, Neuroscience Applied, The Nordic Journal of Psychiatry, The British Journal of Psychiatry, Molecular Psychiatry,

- Member of the steering board of the Future Faculty at the Sahlgrenska Academy, University of Gothenburg
- Organisation of the Sahlgrenska Academy Junior Researcher Symposium 2024, 2025, 2026 together with the board of Future Faculty

PUBLICATION LIST

- 20) **Klahn, AL***, Bayard, F, Abé, C..., Landén, M, Petrovic, P. (under review). Specific frontostriatal structural alterations underlie emotional instability but not inattention in ADHD and healthy individuals. (Research article).
- 19) **Klahn, AL***, Göteson, A, Hörbeck, E, Jonsson, L, Sparding, T, Landén, M. (under review). Cognitive profiles and occupational function in bipolar disorder and attention-deficit/hyperactivity disorder. (Research article)
- 18) **Klahn, AL***. (under review). Improving the diagnosis of bipolar disorder through machine learning – when is the time right? *Neuroscience Applied* (Commentary)
- 17) Landén, M, Jonsson, L, **Klahn, AL** et al. (2025) The St. Göran project - a multi-pronged strategy for longitudinal studies for bipolar disorders. *Neuropsychobiology*, published online ahead of print. Doi: 10.1159/000543335. (Research article)
- 16) Johansson, TB, **Klahn, AL***, Göteson, A, Abé, C, Sellgren, CM, Landén, M. (2025) Cerebrospinal fluid biomarkers of central nervous system inflammation predict cortical decline in bipolar disorder and ventricular enlargement in healthy controls. *Neuropsychobiology*, 84(1), 38-47. Doi: 10.1159/000542888. (Research Article)
- 15) Dietze, L, [...], **Klahn, AL**, et al. (2024) White Matter Microstructure in Obesity and Bipolar Disorders: An ENIGMA Bipolar Disorder Working Group Study in 2186 Individuals. *Molecular Psychiatry*, Doi: 10.1038/s41380-024-02784-2. (Research article)
- 14) **Klahn, AL***, Thompson, WH, Momoh, I, Abé, C, Landén, M. (2024) Provincial and connector qualities of somatosensory brain network hubs in bipolar disorder. *Cerebral Cortex*, 34(9). Doi: 10.1093/cercor/bhae366. (Research article)
- 13) Leehr, EJL, Brede, LS, Böhnlein, J, Roesmann, K, Gathmann, B, Herrman, MJ, Junghöfer, M, Schwarzmeier, H, Seeger, FR, Siminski, N, Straube, T, **Klahn, AL**, Weber, H, Schiele, M, Domschke, K, Lueken, U, Dannlowski, U. (2024) Impact of NPSR1 gene variation on the neural correlates of phasic fear and sustained anxiety in spider phobia – an imaging genetics and independent replication approach. *Soc Cogn Affect Neurosci*, 19(1), nsae054. Doi: 10.1093/scan/nsae054. (Research article)
- 12) McWhinney, S, [...], **Klahn, AL**, et al. (2024) Principal component analysis as an efficient method for capturing multivariate brain signatures of complex disorders – ENIGMA study in people with bipolar disorders and obesity. *Human Brain Mapping*, 45(8), e26682. Doi: doi.org/10.1002/hbm.26682. (Research article)
- 11) Hilbert, K, [...], **Klahn, AL**, et al. (2024) Cortical and subcortical brain alterations in specific phobia and its animal and blood-injection-injury subtypes: a mega-analysis from the ENIGMA-Anxiety Working Group. *The American Journal of Psychiatry*, 181(8), 728–740. Doi: doi.org/10.1176/appi.ajp.20230032. (Research article)
- 10) **Klahn, AL***, Thompson, WH, Abé, C, Liberg, B, Sellgren, CM, Klahn, P, Landén, M. (2023) Functional connectivity alterations of the somatomotor network in euthymic bipolar disorder. *Neuroscience Applied*. Doi: doi.org/10.1016/j.nsa.2023.101139 (Research article)
- 9) Chavanne, AV, [...], **Klahn, AL**, et al. (2023) Individual-level prediction of exposure therapy outcome using structural and functional MRI data in spider phobia: a machine-learning study. *Depression and Anxiety*. Doi: doi.org/10.1155/2023/8594273. (Research article)

- 8) Abé, C, Liberg, B, **Klahn, AL**, Petrovic, P, Landén, M. (2023) Mania-related effects on structural brain changes in bipolar disorder – a narrative review of the evidence. *Molecular Psychiatry*, 28(7), 2674–2682. Doi: doi.org/10.1038/s41380-023-02073-4. (Review article)
- 7) Notzon, S, Vennewald, N, Gajewska, A, **Klahn, AL**, Diemer, J, Winter, B, Fohrbeck, I, Arolt, V, Pauli, P, Domschke, K, Zwanzger, P. (2017) Is prepulse modification altered by continuous theta burst stimulation? DAT1 genotype and motor threshold interact on prepulse modification following brain stimulation. *European Archives of Psychiatry and Clinical Neuroscience*, 267(8), 767-779. Doi: 10.1007/s00406-017-0786-x (Research article)
- 6) **Klahn, AL**, Klinkenberg, I, Lüken, U, Notzon, S, Arolt, V, Pantev, C, Zwanzger, P, Junghöfer, M. (2017) Commonalities and differences in the neural substrates of threat predictability in panic disorder and specific phobia. *Neuroimage Clinical*, 14, 530-537. Doi: 10.1016/j.nicl.2017.02.013 (Research article)
- 5) Klinkenberg, I, Rehbein, MA, Steinberg, C, **Klahn, AL**, Zwanzger, P, Zwitterlood, P, Junghöfer, M. (2016) Healthy individuals maintain adaptive stimulus evaluation under predictable and unpredictable threat. *Neuroimage*, 136, 174-185. Doi: 10.1016/j.neuroimage.2016.05.041 (Research article)
- 4) **Klahn, AL**, Klinkenberg, I, Notzon, S, Arolt, V, Pantev, C, Zwanzger, P, Junghöfer, M (2016). Prepare for scare – Impact of threat predictability on affective visual processing in spider phobia. *Behavioral Brain Research*, 307, 84-91. Doi: 10.1016/j.bbr.2016.03.045 (Research article)
- 3) Zwanzger, P*, **Klahn, AL***, Arolt, V, Ruland, T, Zavorotnyy, M, Sälzer, J, Domschke, K, Junghöfer, M (2016). Impact of electroconvulsive therapy on magnetoencephalographic correlates of dysfunctional emotional processing in major depression. *European Neuropsychopharmacology*, 26(4), 684-692. Doi: 10.1016/j.euroneuro.2016.02.005 (Research article)
- 2) Kuhn, M, Scharfenort, R, Schümann, D, Schiele, MA, **Münsterkötter, AL**, Deckert, J, Domschke, K, Haaker, J, Kalisch, R, Pauli, P, Reif, A, Romanos, M, Zwanzger, P, Lonsdorf, T (2015). Mismatch or allostatic load? Timing of life-adversity differentially shapes gray matter volume and anxious-temperament. *SCAN*, 11(4), 537-547. Doi: 10.1093/scan/nsv137 (Research article)
- 1) **Münsterkötter, AL**, Notzon, S, Redlich, R, Grotegerd, D, Dohm, K, Arolt, V, Zwanzger, P, Dannlowski, U (2015). Spider or no spider? – Neural correlates of sustained and phasic fear in spider phobia, *Depression and Anxiety*, 32(9), 656-63. Doi: 10.1002/da.22382 (Research article)

CONFERENCE CONTRIBUTIONS AND INVITED TALKS

INVITED TALKS

- 6) *Functional connectivity and brain network hub aberrancies in the somatomotor network in clinically remitted bipolar disorder*. Invited talk at the Karolinska Institute, Stockholm, May 2024.
- 5) *Mind matters – how to maintain mental stability during PhD studies*. Invited speaker at the PhD Day of the Sahlgrenska Academy, Gothenburg, May 2024.
- 4) *Neuroscientific studies of bipolar disorder*. Invited speaker at the Cognitive Science Day, University of Gothenburg, April 2024.
- 3) *All is well during euthymia? Static and dynamic resting-state functional connectivity in euthymic bipolar disorder*. Invited talk at the Department of Psychology, University of Gothenburg, February 2023.

2) *Static and dynamic resting-state functional connectivity in euthymic bipolar disorder*. Invited talk at the Department of Psychology, University of Dresden, February 2023.

1) *Bipolar in the brain – how to do psychiatric brain imaging research*. Invited talk at the Medical Chemistry Seminar of the Department for Chemistry and Molecular Biology, University of Gothenburg, November 2022.

ORAL PRESENTATIONS

15) *A long way to go – insights from longitudinal studies in bipolar disorders*. Symposium at the 38th ECNP congress, Amsterdam, October 2025.

14) *Neurobiologiska perspektiv på kognition vid bipolär sjukdom och ADHD*. Talk given at the Swedish Psychiatry Congress, Gothenburg, March 2025.

11) *Pågående studier om hjärnan och kognition*. Talk given at the CIBRIS meeting, Fiskebäckskil, February 2025.

12) *Brain network hubs in the primary somatosensory cortex shift from provincial to connector qualities in euthymic bipolar disorder*. Talk given at the 26th annual conference of the International Society for Bipolar Disorders (ISBD), Reykjavik, September 2024.

11) *The wired brain – Why networks are interesting*. Talk given at the CIBRIS meeting, Tollerød, August 2023.

10) *Static and dynamic functional connectivity in euthymic bipolar*. Talk and poster at the ECNP Bipolar Disorders Standalone meeting, Frankfurt, April 2023.

9) *Static and dynamic resting-state functional connectivity in euthymic bipolar*. Talk at the conference of the society of clinical neurophysiology (DGKN), Hamburg, March 2023.

8) *Bipolar brains – structural and functional MRI methods*. Talk given at the CIBRIS meeting, Tollerød, September 2022.

7) *Commonalities and differences in the neural substrates of threat predictability in panic disorder and specific phobia*. Talk given at the conference of the society of psychiatry, psychotherapy, psychosomatic medicine and neurology (DGPPN) in Berlin, November 2016.

6) *Impact of electroconvulsive therapy on magnetoencephalographic correlates of dysfunctional emotional processing in major depression*. Talk given at the conference of the society of psychiatry, psychotherapy, psychosomatic medicine and neurology (DGPPN) in Berlin, November 2015.

5) *The impact of threat predictability on visual perception of emotional cues in anxiety disorders*. Talk given at the conference of the Society for Anxiety Research in Wasserburg am Inn, November 2015.

4) *The impact of threat predictability on visual perception of emotional cues in anxiety disorders*. Talk given at the symposium of PhD students of the Institute for Psychotherapy (IPP) in Münster, October 2015.

3) *The impact of predictability of visual cues on the neuronal procession*. Talk given at the conference Psychology and Brain in Frankfurt, June 2015.

2) *Neural correlates of phasic fear and sustained anxiety in spider phobia*. Talk given at the symposium of PhD students of the Institute for Psychotherapy (IPP) in Münster, November 2014.

1) *Neural correlates of phasic fear and sustained anxiety in spider phobia*. Talk given at the conference of the Society for Anxiety Research in Berlin, November 2014.

POSTER PRESENTATIONS

10) *Cognitive and occupational profiles in bipolar disorder and ADHD*. 38th ECNP congress, Amsterdam, October 2025.

9) *Resting-state functional connectivity and cerebrospinal fluid synaptic biomarkers in bipolar disorder and healthy controls*. 37th ECNP congress, Milano, September 2024.

- 8) *Functional connectivity alterations of the somatomotor network in euthymic bipolar disorder*. 36th ECNP congress, Barcelona, October 2023.
- 7) *Prepare for scare - affective perception under conditions of sustained and phasic fear in panic disorder and specific phobia*. Symposium of the group of clinical psychology, Bielefeld, Mai 2016
- 6) *Prepare for scare – affective perception under conditions of sustained and phasic fear in panic disorder and specific phobia*. Symposium of the collaborative Research Centre SFB-TRR 58 fear, anxiety and anxiety disorders, Münster, September 2015.
- 5) *Neural correlates of phasic fear and sustained anxiety in spider phobia*. Symposium of the group of clinical psychology, Dresden, Mai 2015.
- 4) *Neural correlates of phasic fear and sustained anxiety in spider phobia*. Conference of the society of psychiatry, psychotherapy, psychosomatic medicine and neurology (DGPPN) in Berlin, November 2014.
- 3) *Affective perception under conditions of phasic fear and sustained anxiety in spider phobia*. Conference of the Society for Anxiety Research in Berlin, November 2014.
- 2) *Neural correlates of sustained and phasic fear in spider phobia*. Conference of the Federation of European Neuroscience Societies (FENS) in Milan, July 2014.
- 1) *Affective perception under conditions of sustained and phasic fear in spider phobia*. Retreat of the collaborative Research Centre SFB-TRR 58 fear, anxiety and anxiety disorders in Gschnitz, Austria, Mai 2014.