Curriculum vitae Prof. Dr. Susanne Becker

POSITIONS

04/2022 –	**Professor of Clinical Psychology** Department of Experimental Psychology, Faculty of Mathematics and Natural Sciences, Heinrich Heine University Düsseldorf, Germany
02/2021 – 07/2023	**Assistant Professor** SNF-PRIMA Professor, Department of Chiropractic Medicine, Balgrist University Hospital, University of Zurich, Switzerland
08/2019 – 01/2021	**Research Group Leader**, Department of Chiropractic Medicine, Balgrist University Hospital, University of Zurich, Switzerland
02/2016 – 10/2023	**Research Group Leader** Central Institute of Mental Health, Medical Faculty Mannheim, Heidelberg University, Germany
09/2015 – 09/2016	**Career Break:** Maternity leave
10/2014 – 09/2015	**Visiting Professorship** Deputy Prof. Dr. Dr.h.c. Dr.h.c. Herta Flor, Department of Clinical and Cognitive Neuroscience, Central Institute of Mental Health, Heidelberg University, Germany
04/2013 – 09/2015	**Postdoctoral Research Fellow**, Department of Clinical and Cognitive Neuroscience, Central Institute of Mental Health, Heidelberg University, Germany
08/2010 – 03/2013	**Postdoctoral Research Fellow**, Alan Edward Centre for Research on Pain, McGill University, Montreal, Canada
08/2009– 07/2010	**Postdoctoral Research Fellow**, Otto Selz Institute of Applied Psychology, University of Mannheim, Germany

EDUCATION

2018	**Habilitation** Medical Faculty Mannheim, Heidelberg University, Germany
2014	**Master of Science in Mathematics** University of Hagen, Germany
2009	**PhD** Faculty of Social Sciences, University of Mannheim, Germany; Supervisor: Prof. Dr. Rupert Hölzl, Co-Supervisor: Prof. Dr. Dr.h.c. Dr.h.c. Herta Flor
2004	**Diploma in Psychology** Faculty of Social Sciences, University of Mannheim, Germany

RESEARCH GRANTS AND STIPENDS

Total sum: 3 875 762€; **Number of grants**: 20; **Agencies (selected)**: Federal Ministry of Education and Research Germany (BMBF), German Research Foundation (DFG); Swiss National Science Foundation (SNF); European Pain Federation (EFIC); International Association for the Study of Pain (IASP)

AWARDS AND HONORS (selected)

2017	**EGG 2016** European Pain Federation - Grünenthal Research - Grant
2014	**Award for Young Scientists in Pain Research**, German Pain Society
2013	**International Association for the Study of Pain Early Career Research Award**
2011	**Award for Pain Research**, Clinical Research, German Pain Society
2010	**Best PhD Supervisor in Biopsychology**, Award of the Young Scientist of the German Association for Psychophysiology and its Application
2010	**Otto Selz Award** for the Best Dissertation in Psychology, University of Mannheim, Germany

INVITED TALKS: Number of invited talks 45; Number of conference talks: 37

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

Postdoctoral Fellows: 5; PhD (neuroscience/psychology): 11, Medical doctoral theses: 2;
Master of Science (theses): 37; Bachelor of Science (theses): 41

PUBLICATION RECORD

Number of Citations: 2633; H-Index: 27
Google Scholar: https://scholar.google.com/citations?user=j0gFEZ0AAAAJ&hl=en

5 selected Publications

Hubschmid F, Flury ML, Löffler M, Desch S, **Becker S** (2025). Mechanisms of increased pain discrimination by contingent reinforcement: a perceptual decision-making and instrumental learning account. PAIN1 166(8): 1769-83. doi: 10.1097/j.pain.0000000000003514

Florin E, Koschmieder KC, Schnitzler A, **Becker S** (2020). Recovery of impaired endogenous pain modulation by dopaminergic medication in Parkinson's disease. *Movement Disorders*, 35(12):2338-2343. doi:10.1002/mds.28241

Becker S, Löffler M, Seymour B (2020). Reward enhances pain discrimination in humans. *Psychological Science*, 31(9):1191-1199. doi:10.1177/0956797620939588

Löffler M, Gamroth C, **Becker S***, Flor H* (2020). Chronic Pain as a Neglected Core Symptom in Mitochondrial Diseases. *Neurology*, 94(8):357-359. doi:10.1212 *contributed equally

Becker S, Gandhi W, Pomares F, Schweinhardt P (2017). Orbitofrontal cortex mediates pain inhibition by monetary reward. *Social Affective and Cognitive Neuroscience,* 12(4): 651-661. doi: 10.1093/scan/nsw1

INTERNATIONAL COMMITTEE WORK

Fellowships, Grants, and Awards Working Group, International Association for the Study of Pain
Task Force Global Year for Integrative Pain Care, International Association for the Study of Pain
Steering Committee Research Strategy, European Pain Federation
Working Group on Translational Research, Research Committee, European Pain Federation

REVIEWING ACTIVITES

Editorial Work

- *Editorial Board Member*: PAIN, Neuroscience Letters, Frontiers in Pain Research;
- *Guest Editor, Research Topics:* Frontiers in Pain Research, Frontiers in Systems Interactions and Organ Networks
- *Lead Guest Editor, Special Issue:* European Journal of Neuroscience, Pain Research and Management

Ad hoc referee for grant agencies (selected):

- *ERC Starting Grant,* European Commission, framework Horizon 2020
- *EIT Health WILD CARD program*, framework Horizon Europe, European Union;
- *Future and Emerging, Technologies Open, Research and Innovation Actions (FET Open, RIA)*, European Commission, framework Horizon 2020
- *German Research Foundation*
- *FWO* (Fonds Wetenschappelijk Onderzoek), Research Foundation – Flanders
- *Medical Research Council*, UK

Ad hoc referee for Scientific Journals for *44 scientific journals*, e.g.: eLife; European Journal of Pain; Human Brain Mapping; International Journal of Psychology; JAMA Psychiatry; Journal of Neuro-science; Journal of Pain; Neuroimage; Neuro-Psychopharmacology & Biological Psychiatry; PAIN

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

International Association for the Study of Pain; German Pain Society; German Association for Psychophysiology and its Application; German Psychological Society; Society; Swiss Pain Society

INSTITUTIONAL RESPONSIBILITIES

since 2021	**Faculty Member**, Faculty of Medicine, University of Zurich, Switzerland
2015 – 2019	**Financial Management** Budget and third-party money, Department of Cognitive and Clinical Neuroscience, Central Institute of Mental Health, Mannheim, Germany
2018 – 2019	**Member of Committee on Human and Animal Magnetic Resonance Imaging**, Central Institute of Mental Health, Mannheim, Germany
2012 – 2013	**Trainee Member of the Management Board of the Alan Edwards Centre for Research on Pain**, McGill University, Montreal, Canada