

Research Interests

- Mental health in the context of migration and forced displacement (resilience, trauma, psychodiagnostics for the Arab cultural area).
- Chronic pain and PTSD
- Behavioural and neural processes underlying pain perceptions
- Mechanisms of Exercise-Induced Hypoalgesia (EIH)

Education and Training

- 2019–Present Postdoctoral Fellow, Ruhr University of Bochum, (Medical Faculty).
Advisor: Monika I. Hasenbring, Prof. Ph.D.
Postdoctoral Fellow, Clinical Child and Adolescent Psychology (Psychology Faculty).
Advisor: Silvia Schneider, Prof. Dr.
- 2013–2019 Ph.D., Ruhr University of Bochum
Medical Psychology - Faculty of Medicine
Advisor: Monika I. Hasenbring, Prof. Ph.D.
Dissertation: “*Neuronale Korrelate gegensätzlicher Formen dysfunktionaler kognitiver Schmerzverarbeitung: Katastrophisieren und kognitive Suppression*”
- 2010–2013 Master of Science Psychology, Ruhr-University Bochum
(Focus on Cognitive Neuroscience)
- 2006 – 2010 Bachelor of Science in Neuroscience, University of Cologne
(Focus on Neurobiology and Neuropsychology)
- 2006 – 2010 Pre-Clinical Medicine, Ruhr-University Bochum

Publications (peer reviewed)

- Konietzny, K., **Chehadi, O.**, Streitlein-Bohme, I., Rusche, H., Willburger, R. E. & Hasenbring, M. I. (2018). Mild depression in low back pain: the interaction of thought suppression and stress plays a role, especially in female patients. *International Journal of Behavioral Medicine*, (25(2)), 207–214.
- **Chehadi, O.**, Rusu, A. C., Konietzny, K., Schulz, E., Köster, O., Schmidt-Wilcke, T. & Hasenbring, M. I. (2018). Brain structural alterations associated with dysfunctional cognitive control of pain in patients with low back pain. *European Journal of Pain*, (22(4)), 745–755.
- **Chehadi, O.**, Suchan, B., Konietzny, K., Köster, O., Schmidt-Wilcke, T. & Hasenbring, Monika I. (2017). Gray matter alteration associated with pain catastrophizing in patients 6 months after lumbar disk surgery. *PAIN Reports*, (00 (2017) e617),.
- Konietzny, K., Suchan, B., Kreddig, N., Hasenbring, M. I. & **Chehadi, O.** (2016). Emotionsregulation und Schmerzen: behaviorale und neuronale Korrelate - ein transdiagnostischer Ansatz. *Der Schmerz*, 30 (5), 412–420.
- Hasenbring, M. I., **Chehadi, O.**, Titze, C. & Kreddig, N. (2014). Fear and anxiety in the transition from acute to chronic pain: there is evidence for endurance besides avoidance. *Pain Management*, 4 (5), 363–374.
- Herold C, Joshi I, Chehadi O, Hollmann M, Güntürkün O (2012). Plasticity in D1-Like Receptor Expression Is Associated with Different Components of Cognitive Processes. *PLoS ONE* 7(5): e36484.

Teaching Experience

- 2013- Present Theoretical seminar “Medical Psychology and Medical Sociology I- III (Medical Faculty)
- 2013- Present Practical course Medical Psychology and Medical Sociology II: (Professional doctor-patient interaction/ communication)
- 2015-2016 Lecture in the Medical Faculty (3. Semester) Title: Activation and Awareness
- 2013- Present Tutor training for problem-based learning (POL) (Medical Faculty).
- 2010- 2011 Tutor for the Painting and Crafts Workshop on the Human Brain: Neuroanatomy for Psychology students (Psychology Faculty).

Conference and Invited Lectures

- 2017 Poster presentation at the deutscher Schmerzkongress, Mannheim, Germany 2017
„Strukturelle Veränderungen im Gehirn chronischer Schmerzpatienten 6 Monate nach Bandscheibenoperation im Zusammenhang mit Schmerzkatastrophisieren“
- 2016 Poster Presentation in the 16th World Congress on Pain (Yokohama, Japan)
- 2015 Poster presentation at the EFIC Congress on Pain, Vienna, Austria 2015
“Depression And Low Back Pain In High-performance Athletes: Thought Suppression X Stress Interaction Plays A Role”
- 2014 Poster Presentation in the 15th World Congress on Pain (Buenos Aires-Argentina)
Title: “Emotion Regulation and Depression Correlate With Structural Differences in Patients Six Months after Lumbar Disc Surgery”
- 2014 Vortrag in der Forschungs-Kolloquium im Institut für Kognitive Neurowissenschaft
Title: “Emotionsregulation und Strukturelle Veränderungen im Gehirn bei chronischem Schmerz“

Memberships

- IASP – International Association for the Study of Pain
- Society for Arab Neuroscientists
- Deutsche Gesellschaft für Verhaltenstherapie (DGVT) e. V.
- Deutsche Gesellschaft für Verhaltenstherapie – Berufsverband Psychosoziale Berufe (DGVT-BV) e. V.

References

Prof. Dr. Monika Hasenbring monika.hasenbring@rub.de

Prof. Dr. Dr. h.c. Onur Güntürkün onur.guentuerkuen@rub.de