

Dr. BEATRICE OEHLER**1) General information**

Date of birth: 25 october 1985
 Gender: Female
 Address: Heidelberg University Hospital
 Dept. of Anaesthesiology
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 E-Mail: Beatrice.Oehler@med.uni-heidelberg.de
 Position: Specialist for Anaesthesiology
 Group leader TRiP – Translational Research in Pain
 Children: None
 Parental leave, if applicable: None

2) University training and degree

2004 - 2012 Studies in Human Medicine, University of Leipzig, Free University of Brussels (ULB), University of Sevilla
 2019 - 2021 Master of Health Administration (M.A.), University of Bielefeld

3) Advanced academic qualifications

2013 Doctoral dissertation in Pharmacology, Mentor: Prof. Michael Schaefer, Rudolph Boehm Institute for Pharmacology and Toxicology, University of Leipzig

4) Postgraduate professional careerMedical Career

Since 2022 Specialist in training in Intensive Care Medicine, Department of Anaesthesiology, Heidelberg University Hospital
 Since 2020 Specialist in anaesthesiology and emergency medicine, Department of Anaesthesiology and Intensive Care, Heidelberg University Hospital
 2012 - 2017 Doctor in training, Department of Anaesthesiology, University Hospital Würzburg

Scientific Career

Since 2021 Group leader, "TRiP - Translational Research in Pain", Department of Anaesthesiology, Heidelberg University Hospital
 2018 - 2020 Research fellow and Postdoctoral fellow, Wolfson Centre for Age Related Diseases (CARD), King's College, London, UK
 2017 - 2018 "Clinician Scientist", Interdisciplinary Centre for Clinical Research, University of Würzburg, Germany
 2012 - 2014 Rotational position, Interdisciplinary Centre for Clinical Research, University of Würzburg, Germany

2012 - 2017 Postdoctoral fellow and Research Associate, Molecular Pain Medicine Unit, University Hospital Würzburg, Department of Anaesthesiology

5) Other

Awards and honours:

2022 Scientifica Research Stipend for Pain Research, German Society of Anaesthesiology and Intensive Care (DGAI)
2021 Research Prize from the Charlotte Lehmann Foundation
2013 Travel grant

Panels and coordinating functions:

Since 2022 Spokesperson of FOSA Anaesthesiology, NAPKON, Netzwerk Universitätsmedizin (NUM)
Since 2021 Spokesperson of the Scientific Working Group for Young Scientists (WAKWiN) of the German Society of Anaesthesiology and Intensive Care (DGAI)
Since 2021 Member of the commission "Anästhesiologinnen", DGAI
Since 2021 Steering committee of the Scientific Working Group for Pain Medicine, DGAI, Focus on coordination of Methodological Competence and Research Networking
Since 2018 Member of the Working Group Young Pain Society of the German Pain Society, Focus on Mentoring

Reviewing Boards: -

Editorial boards: -

6) Publications

A)

Oehler, B., Perier, C., Martin, V., Fisher, A., Lezmi, S., Kalinichev, M., McMahon, S.B. Evaluation of recombinant botulinum neurotoxin type A1 efficacy in peripheral inflammatory pain. **Frontiers in Molecular Neuroscience**; 15, 909835, 2022.

Siegler, B. H., Groß, M., Oehler, B., Keßler, J., Fluhr, H., Weis, C., Schulz, F., & Weigand, M. A. [Intranasal lidocaine atomization as novel and noninvasive treatment option for postdural puncture headache: Two case reports from obstetric anesthesiology]. **Der Anaesthesist**; 70(5), 392–397, 2021.

Oehler, B., Brack, A., Blum, R., & Rittner, H. L. Pain Control by Targeting Oxidized Phospholipids: Functions, Mechanisms, Perspectives. **Frontiers in Endocrinology**; 11, 613868, 2020.

Lloyd, J. O., Chisholm, K. I., Oehler, B., Jones, M. G., Okine, B. N., AL-Kaisy, A., Lambu, G., McMahon, S. B., & Andreou, A. P. Cortical Mechanisms of Single-Pulse Transcranial Magnetic Stimulation in Migraine. **Neurotherapeutics**; 17, 1973–1987, 2020.

Oehler, B., Kloka, J., Mohammadi, M., Ben-Kraiem, A., & Rittner, H. L. D-4F, an ApoA-I mimetic peptide ameliorating TRPA1-mediated nocifensive behaviour in a model of neurogenic inflammation. **Molecular Pain**; 16, 1744806920903848, 2020.

Mohammadi, M.*, Oehler, B.*, Kloka, J., Martin, C., Brack, A., Blum, R., & Rittner, H. L. Antinociception by the anti-oxidized phospholipid antibody E06. **British Journal of Pharmacology**; 175(14), 2940–2955, 2018.

Oehler, B.*, Kistner, K.*, Martin, C., Schiller, J., Mayer, R., Mohammadi, M., Sauer, R.-S., Filipovic, M. R., Nieto, F. R., Kloka, J., Pflücke, D., Hill, K., Schaefer, M., Malcangio, M., Reeh, P. W., Brack, A., Blum, R., & Rittner, H. L. Inflammatory pain control by blocking oxidized phospholipid-mediated TRP channel activation. **Scientific Reports**; 7(1), 5447, 2017.

Oehler, B., Mohammadi, M., Perpina Viciano, C., Hackel, D., Hoffmann, C., Brack, A., & Rittner, H. L. Peripheral Interaction of Resolvin D1 and E1 with Opioid Receptor Antagonists for Antinociception in Inflammatory Pain in Rats. **Frontiers in Molecular Neuroscience**; 10, 242, 2017.

Schulze, A., Oehler, B., Urban, N., Schaefer, M., & Hill, K. Apomorphine is a bimodal modulator of TRPA1 channels. **Molecular Pharmacology**; 83(2), 542–551, 2013.

Oehler, B., Scholze, A., Schaefer, M., & Hill, K. TRPA1 is functionally expressed in melanoma cells but is not critical for impaired proliferation caused by allyl isothiocyanate or cinnamaldehyde. **Naunyn-Schmiedeberg's Archives of Pharmacology**; 385(6), 555–563, 2012.

* Equally contributing authors

B) other publications:

C) Patents: -

