

PD Dr. ANKE TAPPE-THEODOR



1) General information

Date of birth: 14 May, 1974
 Gender: Female
 Address: Heidelberg University
 Institute of Pharmacology
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 Position: Postdoctoral scientist
 Children: Three (* 2007, * 2009, * 2014)
 Parental leave, if applicable: 2007, 2009, 2014

2) University training and degree

2000 - 2002 Master of Science (Biotechnology), Fachhochschule Mannheim, Germany
 1993 - 1998 Diplom-Ingenieur Biotechnologie, Fachhochschule Ostfriesland, Emden, Germany

3) Advanced academic qualifications

2020 Habilitation and Venia legendi in Molecular Pharmacology, Mentor: Prof. Dr. Rohini Kuner, Heidelberg University, Germany
 2006 Dr. sc. hum. Pharmacology, Title: Functional significance of synaptic proteins of the Homer1 family in the spinal cord and forebrain, Pharmacology Institute, University of Heidelberg, Germany (Mentor - Prof. R. Kuner); grade: summa cum laude

4) Postgraduate professional career

Since 2006 Postdoctoral Fellow, Pharmacology Institute, University of Heidelberg
 1999 - 2001 Research assistant, LION Bioscience, Heidelberg, Germany
 1998 - 1999 Research assistant, Genetic Diagnostic Laboratory, Drs. Jung, Cologne, Germany

5) Other

Awards and honours

2012 - 2016 DFG individual grant for principle investigators
 2010 - 2012 Olympia-Morata-Program from the Medical Faculty, University Heidelberg, Germany
 2006 - 2009 Postdoctoral Fellowship from the Medical Faculty, University Heidelberg, Germany
 2008 Joachim Siebeneicher Dissertation Prize for 2006 from the Medical Faculty of the University of Heidelberg, Germany

2006 Best Poster Award (Naunyn-Schmiedeberg's Arch Pharmacol Poster-prize for experimental Pharmacology of the German society for Pharmacology and Toxicology; DGPT, Mainz, Germany)

Panels and coordinating functions

2012 Founding-Member of "Junges Forum" from the Deutsche Gesellschaft für Pharmakologie und Toxikologie (DGPT)

Editorial boards:

Since 2020 Associate Editor, *Frontiers in Pain Research*
Research topic Editor Preclinical Animal Models and Measures of Pain:
Improving Predictive Validity for Analgesic Drug Development' - Volume I & II

6) Publications

A)

Tappe-Theodor A, Pitzer C, Lewejohann L, Jirkof P, Siegeler K, Segelcke A, Drude N, Pradier B, Pogatzki-Zahn EM, Hollinderbäumer B, Segelcke D. The "WWHow" concept for prospective categorization of post-operative severity assessment in Rodents. **Front Vet Sci**; 15, 9:841431, 2022.

Kamm GB, Boffi JC, Zuza K, Nencini S, Campos J, Schrenk-Siemens K, Sonntag I, Kabaoğlu B, El Hay MYA, Schwarz Y, Tappe-Theodor A, Bruns D, Acuna C, Kuner T, Siemens J. A synaptic temperature sensor for body cooling. **Neuron**; 109(20):3283-3297, 2021.

La Porta C, Tappe-Theodor A. Differential impact of psychological and psychophysical stress on low back pain in mice. **Pain**; 161(7):1442-1458, 2020.

Tappe-Theodor A, Kuner R. A common ground for pain and depression. **Nat Neurosci**; 22(10):1612-1614, 2019.

Tappe-Theodor A, King T, Morgan MM. Pros and Cons of Clinically Relevant Methods to Assess Pain in Rodents. **Neurosci Biobehav Rev**; 100:335-343, 2019.

Aloisi E, Le Corf K, Dupuis J, Zhang P, Ginger M, Labrousse V, Spatuzza M, Haberl MG, Costa L, Shigemoto R, Tappe-Theodor A, Drago F, Piazza PV, Mülle C, Groc L, Ciranna L, Catania MV, Frick A. Altered surface mGluR5 dynamics provoke synaptic NMDAR dysfunction and cognitive defects in Fmr1 knockout mice. **Nat Commun.**; 8: 1103, 2017.

Pitzer C, Kuner R, Tappe-Theodor A. Voluntary and evoked behavioral correlates in neuropathic pain states under different housing conditions. **Molecular Pain**; 12, 2016.

Tappe-Theodor A, Constantin CE, Tegeder I, Lechner SG, Langeslag M, Lepczynsky P, Wirotanseng RI, Kurejova M, Agarwal N, Nagy G, Todd A, Wettschureck N, Offermanns S, Kress M, Lewin GR, Kuner R. Galpha(q/11) signaling tonically modulates nociceptor function and contributes to activity-dependent sensitization. **Pain**; 153(1):184-196, 2012.

Tappe-Theodor A*, Agarwal N*, Katona I, Rubino T, Martini L, Swiercz J, Mackie K, Monyer H, Parolaro D, Whistler J, Kuner T, Kuner R. A molecular basis of analgesic tolerance to cannabinoids. **The Journal of Neuroscience**; 27(15):4165-4177, 2007.

Tappe A, Klugmann M, Luo C, Hirlinger D, Agarwal N, Benrath J, Ehrenguber MU, During MJ, Kuner R. Synaptic scaffolding protein Homer1a protects against chronic inflammatory pain. **Nature Medicine**; 12(6):677-681, 2006.

* Equally contributing authors

B) other publications: -

C) Patents: -