

PUBLIKATIONEN

Prof. Dr. rer. medic. Dipl.-Psych. Anne Beck

IF aller Publikationen: 525.914; als Erst- oder Seniorautor: 124.025; H-Index 40 (Google Scholar)

**geteilte Autorenschaft; (O)=Originalarbeit*

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Papers/ Manuskripte in peer-reviewed Journalen:

1. Tsamitros N, Gutwinski S, **Beck A**, Lange Mussons S, Sebold M, Schöneck R, Wolbers T, Bermpohl F, Heinz A, Lütt A. Craving induction through virtual reality cue-exposure for patients with alcohol dependence in rehabilitation treatment. *Sci Rep.* 14(1):30550 (2024) **IMPACT FACTOR: 3,8 (O)**
2. Hoffmann S, Gerhardt S, Mühle C, Reinhard I, Reichert D, Bach P, Boroumand-Jazi R, Kuehner C, Aguilera A, Aslan A, Bahr NS, Belanger M, Deeken F, Ebrahimi C, Fischbach PC, Ganz M, Garbusow M, Großkopf CM, Heigert M, Hentschel A, Karl D, Liu S, Mazza M, Pelz P, Pinger M, Reichl M, Riemerschmid C, Rosenthal A, Steffen J, Strehle J, Wedemeyer F, Weiss F, Wenzel J, Wieder G, Wieland A, Zaiser J, Zech HG, Zimmermann S, Kornhuber J, Müller CP, Sommer WH, Spanagel R, Banaschewski T, Deserno L, Ebner-Priemer UW, Flor H, Kirsch P, Rietschel M, Vollstädt-Klein S, Walter H, Meyer-Lindenberg A, Rapp MA, Witt S, Smolka MN, Heinz A, Tost H, Kiefer F, Reichert M, Lenz B; *ReCoDe Consortium*. Associations of Menstrual Cycle and Progesterone-to-Estradiol Ratio With Alcohol Consumption in Alcohol Use Disorder: A Sex-Separated Multicenter Longitudinal Study. *Am J Psychiatry.* 181(5):445-456 (2024) **IMPACT FACTOR: 19.24 (O)**
3. Rosenthal A, Haslacher D, Garbusow M, Pangratz L, Apfel B, Soekadar S, Romanczuk-Seiferth N, **Beck A**. Neuromodulation and mindfulness as therapeutic treatment in detoxified patients with alcohol use disorder. *BMC Psychiatry.* 24(1):635(2024) **IMPACT FACTOR: 3.4**
4. Spanagel R, Bach P, Banaschewski T, **Beck A**, Bermpohl F, Bernardi RE, Beste C, Deserno L, Durstewitz D, Ebner-Priemer U, Endrass T, Ersche KD, Feld G, Gerchen MF, Gerlach B, Goschke T, Hansson AC, Heim C, Kiebel S, Kiefer F, Kirsch P, Kirschbaum C, Koppe G, Lenz B, Liu S, Marxen M, Meinhardt MW, Meyer-Lindenberg A, Montag C, Müller CP, Nagel WE, Oliveria AMM, Oswald D, Pilhatsch M, Priller J, Rapp MA, Reichert M, Ripke S, Ritter K, Romanczuk-Seiferth N, Schlagenhauf F, Schwarz E, Schwöbel S, Smolka MN, Soekadar SR, Sommer WH, Stock AK, Ströhle A, Tost H, Vollstädt-Klein S, Walter H, Waschke T, Witt SH, Heinz A; Other members of the ReCoDe Consortium. The ReCoDe addiction research consortium: Losing and regaining control over drug intake-Findings and future perspectives. *Addict Biol.* 29(7):e13419 (2024) **IMPACT FACTOR: 3.1**
5. Addiction Cue-Reactivity Initiative (ACRI) Network; Sangchooli A, Zare-Bidoky M, Fathi Jouzdani A, Schacht J, Bjork JM, Claus ED, Prisciandaro JJ, Wilson SJ,

Wüstenberg T, Potvin S, Ahmadi P, Bach P, Baldacchino A, **Beck A**, Brady KT, Brewer JA, Childress AR, Courtney KE, Ebrahimi M, Filbey FM, Garavan H, Ghahremani DG, Goldstein RZ, Goudriaan AE, Grodin EN, Hanlon CA, Haugg A, Heilig M, Heinz A, Holczer A, Van Holst RJ, Joseph JE, Juliano AC, Kaufman MJ, Kiefer F, Khojasteh Zonoozi A, Kuplicki RT, Leyton M, London ED, Mackey S, McClernon FJ, Mellick WH, Morley K, Noori HR, Oghabian MA, Oliver JA, Owens M, Paulus MP, Perini I, Rafei P, Ray LA, Sinha R, Smolka MN, Soleimani G, Spanagel R, Steele VR, Tapert SF, Vollstädt-Klein S, Wetherill RR, Witkiewitz K, Yuan K, Zhang X, Verdejo-Garcia A, Potenza MN, Janes AC, Kober H, Zilverstand A, Ekhtiari H. Parameter Space and Potential for Biomarker Development in 25 Years of fMRI Drug Cue Reactivity: A Systematic Review. *JAMA Psychiatry*. 81(4):414-425 (2024) **IMPACT FACTOR: 25.3**

6. Aster H-C, Waltmann M, Busch A, Romanos M, Gamer M, van Noort BM, **Beck A**, Kappel V, Deserno L. Impaired flexible reward learning in ADHD patients is associated with blunted reinforcement sensitivity and neural signals in ventral striatum and parietal cortex. *NeuroImage: Clinical* [epub ahead of print] (2024) **IMPACT FACTOR: 5.7 (O)**

7. Rane RP, Musial MPM, **Beck A**, Rapp M, Schlagenhaut F, Banaschewski T, Bokde ALW, Paillère Martinot M-L, Artiges E, Nees F, Lemaitre H, Hohmann S, Schumann G, Walter H, Heinz A, Ritter K. Uncontrolled eating and sensation-seeking partially explain the prediction of future binge drinking from adolescent brain structure. *NeuroImage: Clinical*, 40, 103520 (2023) **IMPACT FACTOR: 5.7 (O)**

8. Lütt A, Tsamitros N, Wolbers T, Rosenthal A, Bröcker AL, Schöneck R, BERPohl F, Heinz A, **Beck A**, Gutwinski S. An explorative single-arm clinical study to assess craving in patients with alcohol use disorder using Virtual Reality exposure (CRAVE)—study protocol. *BMC Psychiatry* 23, 839 (2023) **IMPACT FACTOR: 4.4**

9. Tsamitros N, Beck A, Sebold M, Schouler-Ocak M, BERPohl F. Die Anwendung der Virtuellen Realität in der Behandlung psychischer Störungen. *Der Nervenarzt* 94 (1), 27-33 (2023) **IMPACT FACTOR: 1.1**

10. Musial MPM, **Beck A**, Rosenthal A, Charlet K, Bach P, Kiefer F, Vollstädt-Klein S, Walter H, Heinz A, Rothkirch M. Reward Processing in Alcohol-Dependent Patients and First-Degree Relatives: Functional Brain Activity During Anticipation of Monetary Gains and Losses. *Biol Psychiatry* 93(6): 546-557 (2023) **IMPACT FACTOR: 10.6 (O)**

11. Rosenthal A, Garbusow M, Romanczuk-Seiferth N, **Beck A**. Effects of a brief mindfulness meditation practice on Pavlovian-to-instrumental transfer in alcohol use disorder – a pilot study. *Front Psychiatry*. 14:1134458 (2023) **IMPACT FACTOR: =4.7 (O)**

12. **Beck A**. Disentangling Brain Network Connectivity During Monetary and Drug-Related Reward Processing in Stimulant Use Disorder. *Biol Psychiatry Cogn Neurosci Neuroimaging*. 8(5):490-491 (2023) **IMPACT FACTOR: 5.9**

13. Rosenthal A, Chen K, **Beck A**, Romanczuk-Seiferth N. Modifying Pavlovian-To-Instrumental Transfer By Approach Avoidance Training In Healthy Subjects – A Proof of Concept Study. *Sci Rep* 13, 10074 (2023) **IMPACT FACTOR: 5.0 (O)**

14. Pelz P, Genauck A, Lorenz RC, Wüstenberg T, Wackerhagen C, Charlet K, Gleich T, Geisel O, Heinz A, Müller CA, **Beck A**. Effects of baclofen on insular gain anticipation in alcohol-dependent patients - a randomized, placebo-controlled, pharmaco-fMRI pilot trial. *Psychopharmacology (Berl)* 240(1):171-183 (2023) **IMPACT FACTOR: 3.4 (O)**

15. Golde S, Gleich T, Romund L, Stippl A, Pelz P, Raufelder D, Lorenz RC, **Beck A**. Adolescents' neural reactivity to acute psychosocial stress: dysfunctional regulation habits are linked to temporal gyrus response. *Dev Psychopathol* 35(1):332-344 (2023) **IMPACT FACTOR: 3.3 (O)**

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17. Rosenthal A, Ebrahimi C, Wedemeyer D, Romanczuk-Seiferth N, **Beck A**. The Treatment of Substance Use Disorders: Recent Developments and New Perspectives. *Neuropsychobiology* 1–22. (2022) **IMPACT FACTOR: 3.2**

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19. Magrabi A, **Beck A**, Schad DJ, Lett TA, Stoppel CM, Charlet K, Kiefer F, Heinz A, Walter H. Alcohol dependence decreases functional activation of the caudate nucleus during model-based decision processes. *Alcohol Clin Exp Res*. 46(5):749-758 (2022) **IMPACT FACTOR: 3.2 (O)**

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Abharian P, Heinz A, Joseph J, Kiefer F, Khojasteh Zonoozi A, Kober H, Kuplicki R, Li Q, London E, McClernon J, Noori H, Owens M, Paulus M, Perini I, Potenza M, Potvin S, Lara Ray, Schacht J, Seo D, Sinha R, Smolka M, Spanagel R, Steele V, Stein E, Loeber S, Tapert S, Verdejo-Garcia A, Vollstaedt-Klein S, Wetherill R, Wilson S, Witkiewitz K, Yuan K, Zhang X, Zilverstand A. A Methodological Checklist for fMRI Drug Cue Reactivity Studies: A Consensus Statement. *Nature Protocols* 17:576-595 (2022) **IMPACT FACTOR: 14.8**

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23. Raufelder D, Neumann N, Domin M, Lorenz RC, Gleich T, Golde S, Romund L, **Beck A**, Hoferichter F. Do Belonging and Social Exclusion at School Affect Structural Brain Development During Adolescence? *Child Dev* 92(6):2213-2223 (2021) **IMPACT FACTOR: 5.7 (O)**

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29. Golde S, Romund L, Lorenz RC, Pelz P, Gleich T, **Beck A**, Raufelder D. Loneliness and Adolescents' Neural Processing of Self, Friends, and Teachers:

Consequences for the School Self-Concept. *J Res Adolesc.* 29(4):938-952 (2019) **IMPACT FACTOR: 2.073** (O)

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