

# Mark Berthold-Losleben

PhD, MD, MA

## PUBLICATIONS

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### Selection of peer-reviewed journal articles

1. Kvam, T. M., Goksøyr, I. W., Stewart, L. H., Berthold-Losleben, M., Autran, I., & Andreassen, O. (2026) *Clinical and non-clinical use of MDMA*. Tidsskrift for Den norske legeforening. PMID: 42343606
2. Stewart, L.H., Berthold-Losleben, M., Kvam, T. M., Lien, L., Andreassen, O. A., Clausen, I. (2026) *Transforming Treatment-Resistant Depression Care in Norway: Public Health Reimbursement for Off-Label Intravenous Ketamine*. Drug Science, Policy, and Law. Vol. 12.
3. Kvam, T. M., Goksøyr, I. W., Rog, J., van de Vooren, I. T., Stewart, L. H., Autran, I., Berthold-Losleben, M., Mørch-Johnsen, L., Holst, R., Røssberg, J. I., Clausen, I., & Andreassen, O. A. (2025) *MDMA-assisted therapy for major depressive disorder: A seven-month follow-up proof-of-principle trial*. Journal of Psychiatric Research. PMID: 41344230
4. Kvam, T. M., Goksøyr, I. W., Rog, J., van de Vooren, I. T., Stewart, L. H., Autran, I., Berthold-Losleben, M., Mørch-Johnsen, L., Holst, R., Clausen, I., & Andreassen, O. A. (2025). *MDMA-assisted therapy as a treatment for major depressive disorder: Proof of principle study*. The British Journal of Psychiatry. PMID: 40641116
5. **Berthold-Losleben, M.**, Autran, I., Steen Folstad, R. L., Romer, B., Kvam, T. M., van de Vooren, I. T., Stewart, L. H., Clausen, I., & Andreassen, O. A. (2025). *Ketamine in treatment-resistant depression*. Tidsskrift for Den norske legeforening. PMID: 40145850
6. **Berthold-Losleben, M.**, Papalini, S., Habel, U., Losleben, K., Schneider, F., Amunts, K., & Kohn, N. (2021). *A short-term musical training affects implicit emotion regulation only in behavior but not in brain activity*. BMC Neuroscience. PMID: 33902437
7. **Berthold-Losleben, M.**, Habel, U., Brehl, A. K., Freiherr, J., Losleben, K., Schneider, F., Amunts, K., & Kohn, N. (2018). *Implicit affective rivalry: A behavioural and fMRI study of combined olfactory and auditory stimulation*. Frontiers in Behavioral Neuroscience. PMID: 30618666
8. Orfanos, S., Toygar, T., Weidenfeld, C., Berthold-Losleben, M., Chechko, N., Durst, A., Laoutidis, Z. G., Vocke, S., Weidenfeld, C., Schneider, F., Karges, W., Beckmann, C. F., Habel, U., & Kohn, N. (2017). *Investigating the impact of overnight fasting on intrinsic functional connectivity: A double-blind fMRI study*. Brain Imaging and Behavior. PMID: 29071464
9. Kohn, N., Toygar, T., Weidenfeld, C., Berthold-Losleben, M., Chechko, N., Orfanos, S., Vocke, S., Durst, A., Laoutidis, Z. G., Karges, W., Schneider, F., & Habel, U. (2015). *In a sweet mood? Effects of experimental modulation of blood glucose levels on mood induction during fMRI*. NeuroImage, 113, 246–256. PMID: 25795339
10. Chechko, N., Vocke, S., Habel, U., Toygar, T., Kuckartz, L., Berthold-Losleben, M., Laoutidis, Z. G., Orfanos, S., Wassenberg, A., Karges, W., Schneider, F., & Kohn, N. (2015). *Effects of overnight fasting on working memory-related brain network: An fMRI study*. Human Brain Mapping, 36(3), 839–851. PMID: 25393934
11. Kohn, N., Wassenberg, A., Toygar, T., Kellermann, T., Weidenfeld, C., Berthold-Losleben, M., Chechko, N., Orfanos, S., Vocke, S., Laoutidis, Z. G., Schneider, F., Karges, W., & Habel, U. (2016). *Prolonged fasting impairs neural reactivity to visual stimulation*. Brain Structure and Function, 221(1), 147–158. PMID: 25269832
12. Behrwind, S. D., Dafotakis, M., Halfter, S., Hobusch, K., Berthold-Losleben, M., Cieslik, E. C., & Eickhoff, S. B. (2011). *Executive control in chronic schizophrenia: A perspective from manual stimulus–response compatibility task performance*. Behavioural Brain Research, 223(1), 24–29. PMID: 21515312
13. Hanke, N., Kubis, H. P., Scheibe, R. J., Berthold-Losleben, M., Hüsing, O., Meissner, J. D., & Gros, G. (2010). *Passive mechanical forces upregulate the fast myosin heavy chain IId/x via integrin and p38 MAP kinase activation in a primary muscle cell culture*. American Journal of Physiology – Cell Physiology, 298(4), C910–C920. PMID: 20071689

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14. **Berthold-Losleben, M.**, Heitmann, S., & Himmerich, H. (2009). *Anti-inflammatory drugs in psychiatry*. *Inflammation & Allergy – Drug Targets*, 8(4), 266–276. PMID: 19754410
15. Himmerich, H., Berthold-Losleben, M., & Pollmächer, T. (2009). *The relevance of the TNF-alpha system in psychiatric disorders*. *Fortschritte der Neurologie – Psychiatrie*, 77(6), 334–345. PMID: 19415585
16. **Berthold-Losleben, M.**, & Himmerich, H. (2008). *The TNF-alpha system: Functional aspects in depression, narcolepsy and psychopharmacology*. *Current Neuropharmacology*, 6(3), 193–202. PMID: 19506720

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## Submitted or in-press articles

1. Autran, I., Kvam, T.M., Scarth, M., Kaupaung, J.S., Stewart, H., Clausen, I., Dåstøl, P., Andreassen, O.A., **Berthold-Losleben, M.** *Real-world outcomes after intravenous ketamine for treatment-resistant depression: delayed response among induction non-responders*. Under review after 1<sup>st</sup> revision.
2. **Berthold-Losleben, M.**, Goksøyr, I. W., Kvam, T. M., Rog, J., Stewart, L. H., Scarth, M., & Andreassen, O. A. *Changes in wellbeing, self-compassion, and alexithymia in a proof-of-principle trial with MDMA-assisted therapy for major depressive disorder*. Under review after 1<sup>st</sup> revision.
3. **Berthold-Losleben, M.**, Kvam, T. M., Stewart, L., Blomkvist, A. W., Høland, M., Åman, C. M. H., Dieset, I., Drange, O. K., Fredriksen, M., Fredriksen, S., Klungsøyr, O., Langsrud, K., Römer, B., Skar-Frøding, R. S., Zangani, M., Zangani Jaer, M., Oedegaard, K. J., Clausen, I., & Andreassen, O. A. *Ketamine maintenance treatment for treatment-resistant depression (PreKET): protocol for a 2-phase multicentre open-label randomised controlled trial*. Submitted.

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## Conference publications and contributions

1. Autran, I., Kvam, T. M., Andreassen, O. A. & **Berthold-Losleben, M.** *Real-world evidence suggests rethinking continuation criteria for ketamine in treatment-resistant depression*. Poster accepted at ECNP 2026.
2. **Berthold-Losleben, M.**, Goksøyr, I. W., Kvam, T. M., Scarth, M. E., & Andreassen, O. A. (2026). *Changes in wellbeing, self-compassion and alexithymia in a proof-of-principle trial with MDMA-assisted therapy for major depressive disorder*. Poster presented at ECNP 2025. Abstract published: *Neuroscience Applied*. *Neuroscience Applied* 5:106820. DOI: 10.1016/j.nsa.2025.106820.
3. Kvam, T. M., Goksøyr, I. W., Rog, J., van de Vooren, I. T., Stewart, L. H., Berthold-Losleben, M., Mørch-Johnsen, L., Holst, R., Røssberg, J.I., Clausen, I., & Andreassen, O. A. *Long-Term Follow-Up of MDMA-Assisted Therapy for Major Depressive Disorder*. Poster presented at APA 2025.
4. Kvam, T. M., Goksøyr, I. W., Rog, J., van de Vooren, I. T., Stewart, L. H., Berthold-Losleben, M., Mørch-Johnsen, L., & Andreassen, O. A. (2024). *Exploration of MDMA-assisted therapy for major depressive disorder: A proof-of-principle study*. Poster presented at ECNP 2024.

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## Books

1. **Berthold-Losleben, M.**, Liebig-Wilson, M., & Swan, J. (2023). *The ABCs of CBASP: A guide to the Cognitive Behavioral Analysis System of Psychotherapy for therapists and supervisors*. Hogrefe.

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## Book chapters

1. Papalini, S., Berthold-Losleben, M., & Kohn, N. (2017 / 2018). *Influences of prolonged fasting on behavioral and brain patterns*. In V. Preedy & V. Patel (Eds.), *Handbook of Famine, Starvation, and Nutrient Deprivation*. Springer Nature.
2. **Berthold-Losleben, M.**, Wohlhüter, H., & Schneider, F. (2017). *Psychoedukation und Angehörigenarbeit*. In F. Schneider (Ed.), *Facharztwissen Psychiatrie, Psychosomatik und Psychotherapie: Differenzierte Diagnostik und Therapie* (2nd ed.). Springer-Verlag.

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3. **Berthold-Losleben, M.**, & Grözinger, M. (2014). *Informationen für Patienten und Angehörige*. In M. Grözinger, A. Conca, T. Nickl-Jockschat, & J. DiPauli (Eds.), *Elektrokrampftherapie kompakt für Anwender und Zuweiser*. Springer-Verlag.

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### Other publications

1. Kvam, T. M., Goksøyr, I. W., Rog, J., van de Vooren, I. T., Stewart, L. H., Autran, I., Berthold-Losleben, M., Mørch-Johnsen, L., Holst, R., Clausen, I., & Andreassen, O. A. (2025). *MDMA-assisted therapy as a treatment for major depressive disorder: Proof of principle study - CORRIGENDUM*. The British Journal of Psychiatry. PMID: 41664469
2. Clausen, I., Berthold-Losleben, M., Kvam, T.M. (2024) Psykedelisk forskning: Det var aldri noen fest. Morgenbladet 27.09.2024.
3. Protokoll for intravenøs ketaminbehandling for pasienter med terapieresistent depresjon. <https://www.sykehuset-ostfold.no/4ae8f1/contentassets/20163a68c80f46ee9b62f66c0f3b4b20/protokoll-ketaminbehandling-for-terapieresistent-depresjon-v1-nov.2024.pdf>
4. Lund, L. K., Bakke, I., Klæbo Reitan, S. M., Vestvik, V., Berthold-Losleben, M., & Klæboe Greger, H. (2019). *Fornyett psykiatriundervisning og praksis ved NTNUs medisinstudium*. NTNU Report.