



**New publications in the field  
(August 2024)**

## PTSD

Amstadter AB, Abrahamsson L, Cusack S, Sundquist J, Sundquist K, Kendler KS. Extended Swedish Adoption Study of Adverse Stress Responses and Posttraumatic Stress Disorder. *JAMA Psychiatry*. 2024 Aug 1;81(8):817-824. <https://doi.org/10.1001/jamapsychiatry.2024.1140>

\*Dye CK, Alschuler DM, Wu H, Duarte C, Monk C, Belsky DW, Lee S, O'Donnell K, Baccarelli AA, Scorza P. Maternal Adverse Childhood Experiences and Biological Aging During Pregnancy and in Newborns. *JAMA Netw Open*. 2024 Aug 1;7(8):e2427063. <https://doi.org/10.1001/jamanetworkopen.2024.27063>

Shalev, A., Cho, D., & Marmar, C. R. (2024). Neurobiology and Treatment of Posttraumatic Stress Disorder. *American Journal of Psychiatry*, 181(8). <https://doi.org/10.1176/appi.ajp.20240536>

Varma, M.M., Zeng, S., Singh, L. et al. [A systematic review and meta-analysis of experimental methods for modulating intrusive memories following lab-analogue trauma exposure in non-clinical populations](https://doi.org/10.1038/s41562-024-01956-y). *Nat Hum Behav* (2024). <https://doi.org/10.1038/s41562-024-01956-y>

## DEPRESSION

\*Bonk S, Eszlari N, Kirchner K, Gezsi A, Garvert L, Kuokkanen M, Cano I, Grabe HJ, Antal P, Juhasz G, Van der Auwera S. Impact of gene-by-trauma interaction in MDD-related multimorbidity clusters. *J Affect Disord*. 2024 Aug 15;359:382-391. <https://doi.org/10.1016/j.jad.2024.05.126>

Grummitt L, Baldwin JR, Lafoa'i J, Keyes KM, Barrett EL. Burden of Mental Disorders and Suicide Attributable to Childhood Maltreatment. *JAMA Psychiatry*. 2024 Aug 1;81(8):782-788. <https://doi.org/10.1001/jamapsychiatry.2024.0804>

Goldenthal AR, Lieberman E, Rizk MM, Ogden RT, Rubin-Falcone H, Zanderigo F, Huang YY, Min E, Yuan M, Milak M, Sullivan GM, Sublette ME, Oquendo MA, Mann JJ, Miller JM. Relationships between serotonin 1A receptor DNA methylation, self-reported history of childhood abuse and gray matter volume in major depression. *J Affect Disord*. 2024 Aug 24:S0165-0327(24)01382-X.

<https://doi.org/10.1016/j.jad.2024.08.148>

\*Grimes PZ, Adams MJ, Thng G, Edmonson-Stait AJ, Lu Y, McIntosh A, Cullen B, Larsson H, Whalley HC, Kwong ASF. Genetic Architectures of Adolescent Depression Trajectories in 2 Longitudinal Population Cohorts. *JAMA Psychiatry*. 2024 Aug 1;81(8):807-816.

<https://doi.org/10.1001/jamapsychiatry.2024.0983>

Deco, G., Sanz Perl, Y., Johnson, S. et al. [Different hierarchical reconfigurations in the brain by psilocybin and escitalopram for depression](#). *Nat. Mental Health* (2024).

<https://doi.org/10.1038/s44220-024-00298-y>

Gezsi, A., Van der Auwera, S., Mäkinen, H. et al. [Unique genetic and risk-factor profiles in clusters of major depressive disorder-related multimorbidity trajectories](#). *Nat Commun*15, 7190 (2024).

<https://doi.org/10.1038/s41467-024-51467-7>

## MULTIPLE DISORDERS

Baldwin JR, Coleman O, Francis ER, Danese A. Prospective and Retrospective Measures of Child Maltreatment and Their Association With Psychopathology: A Systematic Review and Meta-Analysis. *JAMA Psychiatry*. 2024 Aug 1;81(8):769-781. <https://doi.org/10.1001/jamapsychiatry.2024.0818>

Hilbert, K., Boeken, O. J., Langhammer, T., Groenewold, N. A., Bas-Hoogendam, J. M., Aghajani, M., Zugman, A., & Lueken, U. (2024). Cortical and Subcortical Brain Alterations in Specific Phobia and Its Animal and Blood-Injection-Injury Subtypes: A Mega-Analysis From the ENIGMA Anxiety Working Group. *American Journal of Psychiatry*, 181(8). <https://doi.org/10.1176/appi.ajp.20230032>

\*Pelt, D.H.M., Habets, P.C., Vinkers, C.H. et al. [Building machine learning prediction models for well-being using predictors from the exposome and genome in a population cohort](#). *Nat. Mental Health* (2024). <https://doi.org/10.1038/s44220-024-00294-2>

Kim, M., Leonardsen, E., Rutherford, S. et al. [Mapping cerebellar anatomical heterogeneity in mental and neurological illnesses](#). *Nat. Mental Health* (2024). <https://doi.org/10.1038/s44220-024-00297-z>

Tian, Y.E., Cole, J.H., Bullmore, E.T. et al. [Brain, lifestyle and environmental pathways linking physical and mental health](https://doi.org/10.1038/s44220-024-00303-4). *Nat. Mental Health* (2024). <https://doi.org/10.1038/s44220-024-00303-4>

\*Gupta, P., Galimberti, M., Liu, Y. et al. [A genome-wide investigation into the underlying genetic architecture of personality traits and overlap with psychopathology](https://doi.org/10.1038/s41562-024-01951-3). *Nat Hum Behav* (2024). <https://doi.org/10.1038/s41562-024-01951-3>

Razuvayevskaya, O., Lopez, I., Dunham, I. et al. [Genetic factors associated with reasons for clinical trial stopping](https://doi.org/10.1038/s41588-024-01854-z). *Nat Genet* (2024). <https://doi.org/10.1038/s41588-024-01854-z>

Hillary, R.F., Gadd, D.A., Kuncheva, Z. et al. [Systematic discovery of gene-environment interactions underlying the human plasma proteome in UK Biobank](https://doi.org/10.1038/s41467-024-51744-5). *Nat Commun* 15, 7346 (2024). <https://doi.org/10.1038/s41467-024-51744-5>

Küchenhoff, S., Bayrak, Ş., Zsido, R.G. et al. [Relating sex-bias in human cortical and hippocampal microstructure to sex hormones](https://doi.org/10.1038/s41467-024-51459-7). *Nat Commun* 15, 7279 (2024). <https://doi.org/10.1038/s41467-024-51459-7>

**\* Papers of particular interest**

## Other Resources

### Podcasts on Anxiety, Depression, and Mood Disorders

*Advancing veteran health through the Million Veteran Program with Dr. Mike Gaziano, professor of medicine at Harvard Medical School:*

<https://podcasts.bcast.fm/e/xn14r428-ep-148-advancing-veteran-health-through-the-million-veteran-program-with-dr-mike-gaziano-professor-of-medicine-at-harvard-medical-school>

*Depression's distinctive fingerprints in the brain:*

<https://neuroscience.stanford.edu/news/depressions-distinctive-fingerprints-brain>