

Department of Psychiatry

Publications

1. [Putative Mechanisms of Electroconvulsive Therapy in Treatment-Resistant Schizophrenia Examined Using Magnetic Resonance Imaging.](#)
Roy N, Ithal D, Mehta UM, Basavaraju R, Bharath RD, **Bolo NR**, Thirthalli J, Gangadhar BN, Keshavan MS.
Biol Psychiatry Glob Open Sci. 2025 Apr 1;5(4):100494. doi: 10.1016/j.bpsgos.2025.100494. eCollection 2025 Jul.
PMID: 40487782
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2. [Cerebral perfusion differences in the visual cortex and fusiform subregions across the psychosis spectrum.](#)
Sritharan J, Zeng V, Petr J, Mutsaerts HJ, Hoang D, **Bolo NR**, Ivleva EI, Dai W, Gershon ES, Keedy SK, Parker DA, Trotti RL, McDowell JE, Clementz BA, Tamminga CA, Pearlson GD, Keshavan MS, Lizano P.
Front Psychiatry. 2025 Apr 29;16:1566184. doi: 10.3389/fpsy.2025.1566184. eCollection 2025.
PMID: 40365009
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3. [The MR neuroimaging protocol for the Accelerating Medicines Partnership® Schizophrenia Program.](#)
Harms MP, Cho KK, Anticevic A, **Bolo NR**, Bouix S, Campbell D, Cannon TD, Cecchi G, Goncalves M, Haidar A, Hughes DE, Izyurov I, John O, Kapur T, Kim N, Kotler E, Kubicki M, Kuperman JM, Laullette K, Lindberg U, Markiewicz C, Ning L, Poldrack RA, Rathi Y, Romo PA 3rd, Tamayo Z, Wannan C, Wickham A, Yassin W, Zhou JH, Addington J, Alameda L, Arango C, Breitborde NJK, Broome MR, Cadenhead KS, Calkins ME, Chen EYH, Choi J, Conus P, Corcoran CM, Cornblatt BA, Diaz-Caneja CM, Ellman LM, Fusar-Poli P, Gaspar PA, Gerber C, Glenthøj LB, Horton LE, Hui CLM, Kambeitz J, Kambeitz-Ilanovic L, Keshavan MS, Kim SW, Koutsouleris N, Kwon JS, Langbein K, Mamah D, Mathalon DH, Mittal VA, Nordentoft M, Pearlson GD, Perez J, Perkins DO, Powers AR 3rd, Rogers J, Sabb FW, Schiffman J, Shah JL, Silverstein SM, Smesny S, Stone WS, Strauss GP, Thompson JL, Upthegrove R, Verma SK, Wang J, Wolf DH, Kahn RS, Kane JM, McGorry PD, Nelson B, Woods SW, Shenton ME, Wood SJ, Bearden CE; Accelerating Medicines Partnership® Schizophrenia (AMP® SCZ); Pasternak O.
Schizophrenia (Heidelb). 2025 Apr 2;11(1):52. doi: 10.1038/s41537-025-00581-6.
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4. [Peripherally acting anti-CGRP monoclonal antibodies attenuate cortical resting-state connectivity in migraine patients.](#)
Szabo E, **Bolo NR**, Borsook D, Burstein R, Ashina S.
Cephalalgia. 2025 Feb;45(2):3331024241313377. doi: 10.1177/03331024241313377.

[Neural fingerprints of data driven cognitive subtypes across the psychosis spectrum: a B-SNIP study.](#)

Meda SA, Dykins MM, Hill SK, Clementz BA, Keedy SK, McDowell JE, Ivleva EI, Gershon ES, Keshavan MS, Tamminga C, Pearlson GD.

Transl Psychiatry. 2025 Jul 2;15(1):224. doi: 10.1038/s41398-025-03422-3.

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[Social cognition as a mediator between neurocognition and functional outcome in early course schizophrenia.](#)

Kotwani A, Wojtalik JA, Gunzler DD, Smith MJ, Brown WJ, Honarvar RL, Sajatovic M, Keshavan MS, Eack SM.

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[Putative Mechanisms of Electroconvulsive Therapy in Treatment-Resistant Schizophrenia Examined Using Magnetic Resonance Imaging.](#)

Roy N, Ithal D, Mehta UM, Basavaraju R, Bharath RD, Bolo NR, Thirthalli J, Gangadhar BN, Keshavan MS.

Biol Psychiatry Glob Open Sci. 2025 Apr 1;5(4):100494. doi: 10.1016/j.bpsgos.2025.100494. eCollection 2025 Jul.

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[The electroencephalography protocol for the Accelerating Medicines Partnership® Schizophrenia Program: Reliability and stability of measures.](#)

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[Digital health technologies in the accelerating medicines Partnership® Schizophrenia Program.](#)

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[Brain Age Disparities in Psychosis Across DSM Diagnoses and B-SNIP Biotypes.](#)

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[Impact of Polygenic Interactions With Anticholinergic Burden on Cognition and Brain Structure in Psychosis Spectrum Disorders.](#)

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[Cholinergic system in schizophrenia: A systematic review and meta-analysis.](#)

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Mol Psychiatry. 2025 Jul;30(7):3301-3315. doi: 10.1038/s41380-025-03023-y. Epub 2025 May 20.

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*Co-first authors

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