

# Biological Psychiatry

A Journal of Psychiatric Neuroscience and Therapeutics

Volume 86, Number 10, November 15, 2019

## CORTICAL PATHOLOGY AND DEPRESSION

### IN THIS ISSUE - NOVEMBER 15TH

- 731** A brief summary of the articles appearing in this issue of *Biological Psychiatry*.

### COMMENTARIES

- 732** Mapping Causal Circuitry in Human Depression  
*Amit Etkin*  
» See corresponding article on page 749
- 734** Deficits in White Matter Microstructure in Major Depressive Disorder: Cause, Consequence, or Correlate?  
*Lianne Schmaal and Laura S. van Velzen*  
» See corresponding article on page 759
- 736** The Effects of Low Doses of Lysergic Acid Diethylamide in Healthy Humans: Demystifying the Microdosing of Psychedelics  
*Katrin H. Preller*  
» See corresponding article on page 792

### EARLY CAREER INVESTIGATOR COMMENTARY

- e33** Stress and Neurodevelopment in Adolescent Depression  
*Tiffany C. Ho*  
» See corresponding article on page 769

### REVIEW

- 738** Role of Mesolimbic Brain-Derived Neurotrophic Factor in Depression  
*Ja Wook Koo, Dipesh Chaudhury, Ming-Hu Han, and Eric J. Nestler*

### ARCHIVAL REPORTS

- 749** A Human Depression Circuit Derived From Focal Brain Lesions  
*Jaya L. Padmanabhan, Danielle Cooke, Juho Joutsa, Shan H. Siddiqi, Michael Ferguson, R. Ryan Darby, Louis Soussand, Andreas Horn, Na Young Kim, Joel L. Voss, Andrew M. Naidech, Amy Brodtmann, Natalia Egorova, Sophia Gozzi, Thanh G. Phan, Maurizio Corbetta, Jordan Grafman, and Michael D. Fox*  
» See commentary on page 732
- 759** White Matter Microstructure and Its Relation to Longitudinal Measures of Depressive Symptoms in Mid- and Late Life  
*Xueyi Shen, Mark J. Adams, Tuula E. Ritakari, Simon R. Cox, Andrew M. McIntosh, and Heather C. Whalley*  
» See commentary on page 734

- 769 Depression Severity Over 27 Months in Adolescent Girls Is Predicted by Stress-Linked Cortical Morphology**  
*Elizabeth A. Bartlett, Daniel N. Klein, Kaiqiao Li, Christine DeLorenzo, Roman Kotov, and Greg Perlman*  
» See commentary on page e33
- 779 Somatosensory-Motor Dysconnectivity Spans Multiple Transdiagnostic Dimensions of Psychopathology**  
*Valeria Kebets, Avram J. Holmes, Csaba Orban, Siyi Tang, Jingwei Li, Nanbo Sun, Ru Kong, Russell A. Poldrack, and B.T. Thomas Yeo*
- 792 Acute Subjective and Behavioral Effects of Microdoses of Lysergic Acid Diethylamide in Healthy Human Volunteers**  
*Anya K. Bershad, Scott T. Schepers, Michael P. Bremmer, Royce Lee, and Harriet de Wit*  
» See commentary on page 736

## CORRESPONDENCE

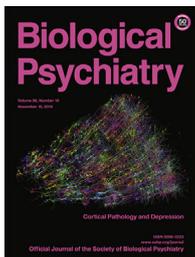
---

-  **e37 Suicide Is a Confounder in Postmortem Studies on Depression**  
*Juan Zhao, Paul J. Lucassen, and Dick F. Swaab*

## ERRATA

---

- 801 Erratum to: Resting-State Functional Connectivity and Psychotic-like Experiences in Childhood: Results From the Adolescent Brain Cognitive Development Study**
- 801 Erratum to: SAR405, a Highly Specific VPS34 Inhibitor, Disrupts Auditory Fear Memory Consolidation of Mice via Facilitation of Inhibitory Neurotransmission in Basolateral Amygdala**



The cover features a human temporal cortex neuronal reconstruction from serial electron micrographs and deep learning algorithms stemming from a collaborative project between Jeff Lichtman's lab at Harvard, which includes Daniel Berger, Neha Karlupia, Adi Peleg, Richard Schalek, Alex Shapson-Coe, Shuhong Wang, Donglai Wei, and Yuelong Wu, and Viren Jain's Connectomics Team at Google, which includes Tim Blakely, Michal Januszewski, Laramie Leavitt, Peter Li, Laurence Lindsey, Jeremy Maitin-Shepard, and Art Pope. The 2 petabytes of data were acquired by Alex Shapson-Coe.

 = content available online only

[www.sobp.org/journal](http://www.sobp.org/journal)