

Biological Psychiatry

A Journal of Psychiatric Neuroscience and Therapeutics

Volume 85, Number 10, May 15, 2019

LONGITUDINAL PERSPECTIVES ON STRESS AND DEPRESSION

IN THIS ISSUE - MAY 15TH

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

COMMENTARIES

784 **Small-Conductance, Calcium-Activated Potassium Channels: A Key Circuit Determinant for Stress-Induced Amygdala Dysfunction**
Carole Morel, Sarah Montgomery, and Ming-Hu Han
» See corresponding article on page 812

787 **Did Spider-Man Work in the NESDA Cohort? In Immunopsychiatry, With Great Power Comes Great Responsibility**
Carmine M. Pariante
» See corresponding article on page 829

789 **Do Sensitive Periods Exist for Exposure to Adversity?**
Laurel J. Gabard-Durnam and Katie A. McLaughlin
» See corresponding article on page 838

CLINICAL COMMENTARY

e47 **Nanovesicles: A Novel Window Into Neuronal Functioning**
Tara M. Thompson-Felix and David A. Ross

REVIEW

792 **Complementary Neural Circuits for Divergent Effects of Oxytocin: Social Approach Versus Social Anxiety**
Michael Q. Steinman, Natalia Duque-Wilckens, and Brian C. Trainor

ARCHIVAL REPORTS

802 **De Novo Protein Synthesis Mediated by the Eukaryotic Elongation Factor 2 Is Required for the Anxiolytic Effect of Oxytocin**
Stefanie Martinetz, Carl-Philipp Meining, Benjamin Jurek, David von Schack, Erwin H. van den Burg, David A. Slattery, and Inga D. Neumann

812 **Chronic Stress Causes Projection-Specific Adaptation of Amygdala Neurons via Small-Conductance Calcium-Activated Potassium Channel Downregulation**
Wen-Hua Zhang, Wei-Zhu Liu, Ye He, Wen-Jie You, Jun-Yu Zhang, Hong Xu, Xiao-Li Tian, Bao-Ming Li, Lin Mei, Andrew Holmes, and Bing-Xing Pan
» See commentary on page 784

829 **Longitudinal Association Between Depression and Inflammatory Markers: Results From the Netherlands Study of Depression and Anxiety**
Femke Lamers, Yuri Milaneschi, Johannes H. Smit, Robert A. Schoevers, Gayle Wittenberg, and Brenda W.J.H. Penninx
» See commentary on page 787

838 Sensitive Periods for the Effect of Childhood Adversity on DNA Methylation: Results From a Prospective, Longitudinal Study

Erin C. Dunn, Thomas W. Soare, Yiwen Zhu, Andrew J. Simpkin, Matthew J. Suderman, Torsten Klengel, Andrew D.A.C. Smith, Kerry J. Ressler, and Caroline L. Relton

» See commentary on page 789

850 Resilience Is Associated With Larger Dentate Gyrus, While Suicide Decedents With Major Depressive Disorder Have Fewer Granule Neurons

Maura Boldrini, Hanga Galfalvy, Andrew J. Dwork, Gorazd B. Rosoklija, Iskra Trincevska-Ivanovska, Goran Pavlovski, René Hen, Victoria Arango, and J. John Mann

863 Neural Indicators of Anhedonia: Predictors and Mechanisms of Treatment Change in a Randomized Clinical Trial in Early Childhood Depression

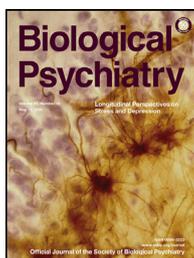
Deanna M. Barch, Diana Whalen, Kirsten Gilbert, Danielle Kelly, Emily S. Kappenman, Greg Hajcak, and Joan L. Luby

872 Pretreatment Rostral Anterior Cingulate Cortex Connectivity With Salience Network Predicts Depression Recovery: Findings From the EMBARC Randomized Clinical Trial

Alexis E. Whitton, Christian A. Webb, Daniel G. Dillon, Jürgen Kayser, Ashleigh Rutherford, Franziska Goer, Maurizio Fava, Patrick McGrath, Myrna Weissman, Ramin Parsey, Phil Adams, Joseph M. Trombello, Crystal Cooper, Patricia Deldin, Maria A. Oquendo, Melvin G. McInnis, Thomas Carmody, Gerard Bruder, Madhukar H. Trivedi, and Diego A. Pizzagalli

ERRATUM

881 Erratum to: A Model of Δ^9 -Tetrahydrocannabinol Self-administration and Reinstatement That Alters Synaptic Plasticity in Nucleus Accumbens



As part of their work in this issue, Boldrini *et al.* (pages 850–862) identified neural progenitor cells in hippocampal postmortem tissue from subjects with major depressive disorder and control subjects with and without early life adversity. A representative image is depicted on the cover; see Figure 2 for details. The authors found that individuals resilient to psychiatric illness show larger dentate gyrus volume, whereas subjects with major depressive disorder who died by suicide show fewer granule neurons.

 = content available online only

www.sobp.org/journal