

# Biological Psychiatry

A Journal of Psychiatric Neuroscience and Therapeutics

Volume 88, Number 5, September 1, 2020

## MOLECULAR UNDERPINNINGS OF DEPRESSION AND ITS TREATMENT

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**405 Reduced Kv3.1 Activity in Dentate Gyrus Parvalbumin Cells Induces Vulnerability to Depression**

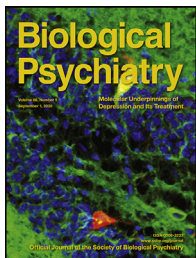
*Lucian Medrihan, Gali Umschweif, Anjana Sinha, Shayna Reed, Jinah Lee, Katherina Gindinova, Subhash C. Sinha, Paul Greengard, and Yotam Sagi*  
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**415 Angiotensin-Converting Enzyme Inhibitor Rapidly Ameliorates Depressive-Type Behaviors via Bradykinin-Dependent Activation of Mammalian Target of Rapamycin Complex 1**

*Han Luo, Peng-Fei Wu, Yu Cao, Ming Jin, Tian-Tian Shen, Ji Wang, Jian-Geng Huang, Qian-Qian Han, Jin-Gang He, Si-Long Deng, Lan Ni, Zhuang-Li Hu, Li-Hong Long, Fang Wang, and Jian-Guo Chen*  
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**426 Accumulation of Lithium in the Hippocampus of Patients With Bipolar Disorder: A Lithium-7 Magnetic Resonance Imaging Study at 7 Tesla**


*Jacques Stout, Franz Hozer, Arthur Coste, Franck Mauconduit, Nouzha Djebrani-Oussedik, Samuel Sarrazin, Joel Poupon, Manon Meyrel, Sandro Romanzetti, Bruno Etain, Cécile Rabrait-Lerman, Josselin Houenou, Frank Bellivier, Edouard Duchesnay, and Fawzi Boumezbaur*  
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The merged immunohistochemical image on the cover helps show that chemogenetics manipulation in dentate gyrus parvalbumin-expressing cells regulates depressive-like behavior. This image is part of the work by Medrihan *et al.* (in this issue, pages 405–414), in which the authors show that reduced Kv3.1 activity in dentate gyrus parvalbumin cells induces vulnerability to depression in a mouse model. See Figure S3 for full details regarding the cover image.

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