

Biological Psychiatry

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CORTICAL DEVELOPMENT AND SCHIZOPHRENIA

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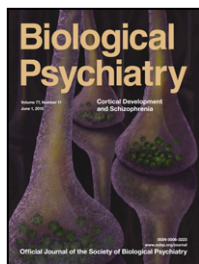


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e52 “I Do Not Exist” – Cotard Syndrome in Insular Cortex Atrophy



Seshadri Sekhar Chatterje and Sayantanava Mitra



The original work on the cover, by Jonathan Laidacker, depicts axon terminals, with green presynaptic vesicles, synapsing onto mushroom type spines. It represents the study conducted by MacDonald *et al.* (pages 959–968, in this issue) in which they investigated the relationship between synaptic protein networks and spine loss in the auditory cortex of schizophrenia subjects. They observed decreased co-expression of a vesicular protein network and altered expression of postsynaptic glutamate signaling proteins. They also found that the expression and co-expression of postsynaptic density proteins increased as spine density decreased in the schizophrenia, but not control, cohort.



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