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## Retraction

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### Retraction Notice to: Imaging Activity-Dependent Regulation of Neurexin-Neuroigin Interactions Using *trans*-Synaptic Enzymatic Biotinylation

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(Cell 143, 456–469; October 7, 2010)

This paper introduced a new methodology, BLINC, for detecting the *trans*-synaptic binding of neurexin and neuroligin proteins, and applied BLINC to study the interaction dynamics of these proteins in neurons. Since this publication, my laboratory has found that BLINC cannot be reproduced in neurons using the constructs and protocols described in this paper. After I brought forward concerns, the Massachusetts Institute of Technology conducted an independent investigation. Communicating the findings of that investigation in a letter to *Cell*, Dr. Claude Canizares, Vice President for Research and Associate Provost, stated that: “MIT found that the first author, Dr. Thyagarajan, falsified or fabricated figures in this publication. MIT’s investigation also found that Dr. Thyagarajan was solely responsible for the scientific misconduct that resulted in the falsified or fabricated data.” I therefore wish to retract this publication. My laboratory has subsequently found that, with modified constructs and protocols, BLINC can be used to detect *trans* neurexin-neuroligin interactions in neurons. We will report this in a future publication. I deeply apologize to the scientific community for any loss of time or resources caused by this publication.

The first author, Amar Thyagarajan, has declined to sign this retraction notice.