

## Complement C3-dependent glutamatergic synapse elimination in the developing hippocampus is region- and synapse-specific

**Authors:** Eric W. Salter<sup>1,2</sup>, Gang Lei<sup>2</sup>, Sun-Lim Choi<sup>2</sup>, Liam T. Ralph<sup>1,2</sup>, Lijia Zhang<sup>2</sup>, Fuzi Jin<sup>2</sup>, Ashish Kadia<sup>2</sup>, Junhui Wang<sup>2</sup>, John Georgiou<sup>2</sup> and Graham L. Collingridge<sup>1,2,3,4,5</sup>.

### Affiliations:

1. Department of Physiology, University of Toronto, Toronto, Ontario, M5S 1A8, Canada
2. Lunenfeld-Tanenbaum Research Institute, Mount Sinai Hospital, Sinai Health System, Toronto, Ontario, M5G 1X5, Canada
3. Glutamate Research Group, School of Physiology, Pharmacology and Neuroscience, University of Bristol, BS8 1TD, United Kingdom
4. TANZ Centre for Research in Neurodegenerative Diseases, University of Toronto, Toronto, Ontario, M5S 1A8, Canada
5. Corresponding author. Email: [Collingridge@lunenfeld.ca](mailto:Collingridge@lunenfeld.ca)

### Withdrawal statement:

The authors have withdrawn their manuscript owing to the results of this pre-print being based on experiments performed prior to COVID-19 shutdowns, which required a near complete culling of the mouse colony. Upon re-initiating the colony, the phenotype outlined in the pre-print could no longer be observed and as such we have decided to withdraw the pre-print. Therefore, the authors do not wish this work to be cited as

reference for the project. If you have any questions, please contact the corresponding author.