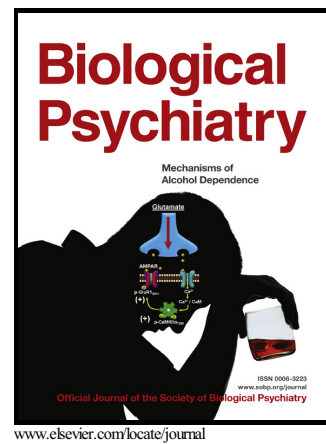


# Author's Accepted Manuscript

Neurophysiology and Regulation of the Balance  
Between Excitation and Inhibition in Neocortical  
Circuits E/I Balance in Health and Disease

Roberta Tatti, Melissa S. Haley, Olivia Swanson,  
Tenzin Tselha, Arianna Maffei



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**Neurophysiology and regulation of the balance between excitation and inhibition in  
neocortical circuits**

*Running title: E/I balance in health and disease*

**Roberta Tatti<sup>1†</sup>, Melissa S. Haley<sup>1†</sup>, Olivia Swanson<sup>1†</sup>, Tenzin Tselha<sup>1</sup> and Arianna Maffei<sup>1\*</sup>**

**1- Dept. of Neurobiology and Behavior, SUNY-Stony Brook, Stony Brook, NY 11794**

**Send Correspondence to:**

Arianna Maffei, Dept. of Neurobiology and Behavior, Life Science Building Rm 548, SUNY-Stony Brook, Stony Brook, NY 11794

Arianna.maffei@stonybrook.edu Phone: 631-632-9045 Fax: 631-632-6661

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† Authors contributed equally.

**Abstract**

Brain function relies on the ability of neural networks to maintain stable levels of activity, while experiences sculpt them. In neocortex, the balance between activity and stability relies on the co-

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