



Protocols for activity changes in Neuron-Astrocyte Networks in Culture Under the Effect of Norepinephrine

Version 2

Yasmin Bar El¹, Sivan Kanner²

¹School of Physics and Astronomy, Tel-Aviv University, Tel-Aviv, Israel, ²Department of Neurobiology, Faculty of Life Sciences, Tel-Aviv University, Tel-Aviv, Israel

[dx.doi.org/10.17504/protocols.io.v93e98n](https://doi.org/10.17504/protocols.io.v93e98n)

Yasmin Bar El

ABSTRACT

Protocols for Primary cortical neuronal-astrocyte cell culture, Isolated astrocyte cell culture, Immunocytochemistry, Electrophysiology and Ca²⁺ imaging.

THIS PROTOCOL ACCOMPANIES THE FOLLOWING PUBLICATION

[Activity changes in neuron-astrocyte networks in culture under the effect of norepinephrine](#)

PROTOCOL STATUS

Working

We use this protocol in our group and it is working

Collection protocols

	Neuron-astrocyte culture preparation by Yasmin Bar El	
	Isolated astrocyte culture preparation - protocol 1 by Yasmin Bar El	
	Isolated astrocyte culture - protocol 2 by Yasmin Bar El	
	Immunocytochemistry by Yasmin Bar El	
	Electrophysiology by Yasmin Bar El	
	Calcium imaging by Yasmin Bar El	

This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](https://creativecommons.org/licenses/by/4.0/), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited