

05 March 2018

Dr Ronald Myers
Editor

Dear Dr Myers

We are submitting this article entitled "***Methods to analyse size, shape and directionality of networks of coupled astrocytes***" in the hope that you will find it acceptable for publication in *Journal of Visualized experiments*.

My colleagues and I believe that this method article should be published in the *Journal of Visualized experiments* because the subject is of interest to a wide readership. The number of functions in the brain that are thought to depend on astrocyte-neurons interactions increases constantly, and the concept that astrocytes modulate neuronal function at the network level is slowly emerging. However, no methods have been proposed so far to characterize the anatomical organization of astrocytic networks. We believe these tools will become interesting not only to characterize astrocytic networks in a defined area, but to compare networks of different areas and under different conditions.

We hope that you will find our methods of interest and consider their publication in *JoVE*.

Correspondence should be addressed to Arlette Kolta at the address and numbers given below.

Sincerely,



Arlette Kolta, PhD.