

## **OPEN PEER REVIEW REPORT 2**

Name of journal: Neural Regeneration Research

Manuscript NO: NRR-D-19-00172

Title: Microglial cathepsin B as a key driver of inflammatory brain diseases

and brain aging

Reviewer's Name: Maria E. Figueiredo-Pereira

Reviewer's country: USA

Date sent for review: 2019-04-01

**Date reviewed: 2019-04-16** 

Review time: 15 days

## **COMMENTS TO AUTHORS**

This is a very interesting review that focuses on the unique role of cathepsin B in microglia function relevant to brain neurodegeneration.

The author focuses mostly on the work from his/her lab. The review would improve by adding different points of view. In particular because the activity of cathepsin B at a neutral pH outside the lysosome is limited.