Reviewer’s report

Title: Effects of Stress on Behavior and Resting-State fMRI in Rats and Evaluation of Telmisartan Therapy in a Stress-Induced Depression Model

Version: 1 Date: 26 May 2018

Reviewer: Leilei Zheng

Reviewer's report:

This is a revision of a previously reviewed manuscript titled, "Effects of Stress on Behavior and Resting-State fMRI in Rats and Evaluation of Telmisartan Therapy in a Stress-Induced Depression". The authors use behavioral experiments and r-fMRI to investigate the Stress-Induced Depressive rats, and find Telmisartan can reverse or attenuate the stress-induced changes in the correlated brain areas. There are some minor revisions needed.

1. ANOVA is the abbreviation of "analysis of variance", not "a one-way analysis of variance", please change it.

2. The authors mentioned that "Telmisartan has strong anti-inflammatory effects on……suggesting that telmisartan may be a novel and safe therapeutic approach for the treatment of depression"(P19, L52-59). so far, there is no clinical study on treatment of depression using Telmisartan, so the word "safe" is not appropriate. Please change this word.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
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Yes
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I am able to assess the statistics

**Quality of written English**
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Needs some language corrections before being published

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