Reviewer’s report

Title: Infliximab therapy together with tyrosine kinase inhibition targets leukemic stem cells in chronic myeloid leukemia

Version: 0 Date: 05 Jan 2019

Reviewer: Eishi Ashihara

Reviewer’s report:

The authors demonstrated that Infliximab therapy with TKI suppresses LSC in CML. These findings are very interesting and informative for clinical scientists in Onco-Hematology. However, the following points are needed to be clarified with additional experiments:

1. Does BCR-ABL1 signal correlate with TNF-α signal in CML-LSCs/progenitors? If Yes, how does it correlate? If No, how is TNF-α signal activated?

2. On inhibition of TNF-α signal, was the proliferation of CML-LSCs/progenitors suppressed or was apoptosis induced in CML-LSCs/progenitors?

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?  
If not, please explain in your comments to the authors.

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Not relevant to this manuscript

Quality of written English  
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Acceptable

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