Reviewer’s report

Title: Positive melioidosis serology in a patient with adult onset Still's disease: A case report of a diagnostic dilemma

Version: 0 Date: 03 Aug 2018

Reviewer: Roberto Giacomelli

Reviewer's report:

In this work, a case report of AOSD is described. Additionally, this patient showed a rising melioidosis antibody titre. The authors concluded that positive melioidosis serology could have been due to a co infection or false positive antibody reaction.

Revisions are needed to clarify some features.

A possible infectious aetiology of AOSD has been proposed due to the similarity between AOSD clinical presentations and infections. The onset of the clinical picture should be better detailed.

The diagnostic process should be better described, please add additional details if available.

The clinical data should be stratified according to the recent validated "systemic score" (< or > than 7) to assess the severity of clinical picture [Ruscitti P, et al BMC Med. 2016;14:194].

Did the patient show clinical features predictive of MAS (the life-threatening evolution of AOSD) [Ruscitti P et al J Rheumatol 2018] ?

In the discussion, taking together the results, the possible pathogenic mechanisms should be deeper discussed between melioidosis and AOSD.

Melioidosis is an infectious disease caused by a Gram-negative bacterium, Burkholderia pseudomallei, found in soil and water. A comparison with other Gram-negative bacteria, reported to be associated with AOSD clinical picture, would be of interest [e.g Bartonella henselae; Salmonella]

The writing is comprehensible, but some typing errors should be corrected in order to improve the paper.

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

No
**Does the work include the necessary controls?**
If not, please specify which controls are required in your comments to the authors.

No

**Are the conclusions drawn adequately supported by the data shown?**
If not, please explain in your comments to the authors.

Yes

**Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?**
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

Not relevant to this manuscript

**Quality of written English**
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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