Reviewer’s report

Title: Altered mucosal immune response after acute lung injury in a murine model of Ataxia Telangiectasia

Version: 4
Date: 21 February 2014
Reviewer: Claudio Pignata

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Unfortunately, none of the studies quoted demonstrate the reason by which the infections mostly are localized in the respiratory tract and not in other sites. The Authors should highlight clearly in the Discussion that several factor contribute to the increased susceptibility to respiratory infections.

As for the by-stander activation of neutrophils, there is no doubt that an inflammatory response takes place in the lung of A-T patients. However, to the Reviewer opinion, are the infections, which cause tissue damage and an immune response aimed to limit tissue damage and not the opposite. The sentence concerning this point must be re-formulated.

Level of interest: An article of limited interest

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests