Reviewer’s report

Title: Associations between human leukocyte antigen polymorphisms and hypersensitivity to antiretroviral therapy in patients with human immunodeficiency virus: a meta-analysis

Version: 0 Date: 03 Mar 2019

Reviewer: Kwasi Torpey

Reviewer's report:

The manuscript discusses the association between HLA polymorphism and hypersensitivity to antiretroviral drugs. This important and has a lot of practical implication in selecting appropriate regimen for patients.

Unfortunately the paper is fatally flawed as it uses references that are old and do not reflect current practices in ART service delivery (Check references 1 to 6). Furthermore, the relationship between risk of hypersensitivity and antiretroviral drugs is meaningful only if it addresses specific drugs. Whilst the introduction and discussion mention specific drugs eg. abacavir the results of the metanalysis are very generic and not specific to any drug.

It is unclear why the authors used only March 2018 and not the period before it. The paper in its current form does not advance scholarship.

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

Unable to assess

Does the work include the necessary controls?
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No

Are the conclusions drawn adequately supported by the data shown?
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Yes

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Acceptable

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