Reviewer's report

Title: Rationale and Design of the Brigham Cohort for Psoriasis and Psoriatic Arthritis Registry (COPPAR)

Version: 0 Date: 27 Mar 2017

Reviewer: Megan Noe

Reviewer's report:

I agree with the authors that developing a longitudinal cohort to study psoriasis and psoriatic arthritis over time is important and will allow the authors to better understand many aspects of these chronic diseases. Overall, the paper was clear and well written; however I would recommend the following clarifications prior to publication:

- Please clarify if the registry study visits will be completely separate from clinic care or if follow up information will be collected during routine dermatology/rheumatology visits.

- Do you have a plan for total enrollment past 1000 per group? Have you performed any sample size calculations to determine the appropriate sample size for the outcomes you discussed, specifically in regards to biomarkers?

- Please clarify if you will continue to collect clinical information and/or biomarkers after the initial two years discussed in the manuscript. I think analysis of long term (> 5 years) follow-up is very important/useful, especially given the goals outlined in the introduction.

- Missing reference, page 4, line 56

- Add a reference to Table 2 within the body of the manuscript
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.
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:
Acceptable

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