Reviewer’s report

Title: Genetic and epigenetic characteristics in ovarian tissues from polycystic ovary syndrome patients with irregular menstruation resemble those of ovarian cancer

Version: 0 Date: 07 Jan 2019

Reviewer: Eleni Papaoiconomou

Reviewer's report:

I consider that the paper merits publication as it attempts to shed light on a recently emerged and still obscure subject. Thus, limited data are existing.

Small number of PCOS patients is a pitfall of this study. Also, I believe that a brief literature review regarding PCOS and ovarian cancer would be appropriate.

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.

I recommend additional statistical review
Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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