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: 1 Date: 01 Mar 2019

Reviewer: Patricia Canto

Reviewer's report:

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This is corrected version of the study performed by Jiao et al., which objective was to investigate differences in DNA methylation, mRNA expression and miRNA expression profiles between two groups of women; as well as, the authors searched mutations in a critical oncogenic genes.

The authors have improved the previous version of the manuscript and answered my questions satisfactorily.

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

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I recommend additional statistical review

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