Reviewer's report

Title: Understanding decreased fertility in women carriers of the FMR1 premutation: A possible mechanism for Fragile X Associated Primary Ovarian Insufficiency (FXPOI)

Version: 1 Date: 17 May 2014

Reviewer: Randi Hagerman

Reviewer's report:

I reviewed this manuscript and I think it is a timely and well-reasoned commentary by Peprah. It is balanced and the standard of writing is good.

However there are several compulsory changes that need to be made.

1. The title needs to have the - between fragile X-associated primary ovarian insufficiency.

2. They also say that 6% of those with the full mutation have ASD but in the full mutation it is 60% have ASD. Perhaps they meant 6% of premutation carriers have ASD and that would be more reasonable.

3. There are several references that are not numbered but just an author and date in the text such as Woad et al 2006 etc. The reference lists have several references repeated with different numbers 2 or 3 times.

4. They have also misspelled premutation a few times in the text. This looks like the unedited proof of a paper instead of a final version. All of these mistakes need to be corrected and then it is a reasonable commentary.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Declaration of competing interests:

I declare that I have no competing interests.