Reviewer's report

Title: Streak ovaries in association with Aromatase deficiency due to a novel CYP19A1 mutation

Version: 2  Date: 19 January 2014

Reviewer: Arundhati Sharma

Reviewer's report:

The manuscript has become very lengthy and does not provide a smooth precise reading. The aromatase deficiency phenotype has been described many times in the paper which may be avoided. The results of the ARKO mice will only be supportive and no direct correlation can be made with the humans. The presence of streak ovaries in the patient should not be over-emphasized based on the fact that the initial diagnosis and related investigations could be erroneous.

Major compulsory revisions

Background:
Lines 93-99 may be deleted
101-104 not necessary here
111-117 variation in the phenotype…………. This description has been repeated many times in the manuscript
118 ‘as already discussed….. later in life” may be deleted
122-135 may be placed under discussion
137 the sentence may be modified to “here we report for the first time a female patient diagnosed with aromatase deficiency during adulthood”.
138-143 not required
148 the sentence may be modified to ‘she was born to consanguineous parents and had reportedly abnormal genitalia at birth’ the remaining lines 149-152 may be deleted.
162-163 when there are no records why mention the karyotype and presence of Y chromosome?
160-162 the sentence may be modified to ‘bilateral streak ovaries which were excised. Histological examination of the streak ovaries revealed’
180 a reference may be given here. The sentence is unclear… ‘in metaphase’
189 mention the SNPs detected giving the reference numbers
203-325 may be presented in a crisp and concise manner without such lengthy sentences and descriptions. Most of the matter discussed has been repeated many times in the manuscript. There is lot of repetition in the manuscript.
258-260 the sentence …’it is unknown….may be deleted.
**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Acceptable

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

'I declare that I have no competing interests'