

Author's response to reviews

Title: Clinical and Inheritance Profiles of Kallmann Syndrome in Jordan

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Author's response to reviews:

Dr Regina Kulier
Editor -in-Chief
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Re: Manuscript 6263118254200138

Clinical and Inheritance Profiles of Kallmann Syndrome in Jordan

Dear Dr Kulier

Thank you for your message dated 5th October , regarding our manuscript numbered 6263118254200138.

The comments of the referee have been thoroughly considered and the following actions were taken:

1- As regards the prevalence figures for Kallmann syndrome, we agree that it is still difficult to assess the true figure , but most recent references are quoting the figure of around 1:8,000 males and we added two more references for this figure in addition to our original reference. One of these added references is very recent and published by Catherine Dode and Hardelin in the September 8th issue of the Journal of Molecular Medicine. We added one of the two references proposed by the referee which gives a prevalence figure for Kallmann syndrome of around 1:80,000 males at the time of military check-up.

2,3- all three references proposed by the referee in his second and third points were included in the manuscript.

4- the reference proposed by the referee to be quoted in this point is actually describing a new autosomal dominant gene related to idiopathic hypogonadotrophic hypogonadism and not to kallmann syndrome, and so we do not think it needs to be included in our manuscript.

5- Our families are 12 families as described in the manuscript and therefore the pedigrees are 12 in number in figure 1. The referee probably counted the families presented in tables 1 and 2 for males and females as 13, because one of the families (family IX), has both male and female patients affected so the family was included in both tables. The tables are however correct and the number of families is correctly presented in both tables.

We are herewith submitting the revised version of the manuscript with addition of 4 references suggested by the referee.

Best wishes and regards.

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