Author's response to reviews

Title: NQO1 gene rs1800566 variant is not associated with risk for multiple sclerosis

Authors:

José A.G. Agúndez (jagundez@unex.es)
Elena García-Martín (elenag@unex.es)
Carmen Martínez (cmartine@unex.es)
Julián Benito-León (jbenitol@meditex.es)
Jorge Millán-Pascual (jorge.millan.pascual@gmail.com)
Patricia Calleja (patricalleja2004@hotmail.com)
María Díaz-Sánchez (mariadiaszanchez@hotmail.com)
Diana Pisa (dianapisa@yahoo.es)
Laura Turpín-Fenoll (lturdoc@hotmail.com)
Hortensia Alonso-Navarro (hortalon@yahoo.es)
Lucía Ayuso-Peralta (lucia.ayuso@salud.madrid.org)
Dolores Torrecillas (mariadolores.torrecillas@salud.madrid.org)
José Francisco Plaza-Nieto (jf francisco.plaza@salud.madrid.org)
Félix Javier Jiménez-Jiménez (fjavier.jimenez@salud.madrid.org)

Version: 4 Date: 4 April 2014

Author's response to reviews:

Félix Javier Jiménez-Jiménez
C/ Marroquina 14, 3 B
E-28030 Madrid (SPAIN)
Phone 34636968395
FAX 34912424188
E-mail fjavier.jimenez@salud.madrid.org

Editorial Office
BMC Neurology

Madrid, 3 april 2014

Dear Sirs:

Thank you very much for your letter regarding our article titled NQO1 gene rs1800566 variant is not associated with risk for multiple sclerosis We enclose a revised version taking in account the editor’s comments. We enclose two revised version, one of them highlighted (with the changes in red colour) and other clean. In summary, we have made the following changes
EDITOR COMMENTS

It is important in a negative study that the true power of the study is clearly stated, so before this paper can be accepted, please could you detail your power calculation for different ORs (down to OR ~ 1.1). Once this has been done your manuscript will be suitable for publication in BMC Neurology.

OK. Data of this table related with the present study have now been added in the text of the document.

The power calculations requested are the following:

<table>
<thead>
<tr>
<th>O.R.</th>
<th>One-tailed (present study)</th>
<th>Two-Tailed (present study)</th>
<th>One-tailed (Greek study)</th>
<th>Two-Tailed (Greek study)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5</td>
<td>90.92% 84.61%</td>
<td>90.38% 83.94%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.4</td>
<td>79.03% 68.86%</td>
<td>78.41% 68.23%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.3</td>
<td>59.84% 47.37%</td>
<td>59.39% 47.02%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.2</td>
<td>36.61% 25.55%</td>
<td>36.44% 25.47%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.1</td>
<td>16.56% 9.91%</td>
<td>16.56% 9.93%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

We hope that, provided these changes, the paper would be suitable for publication in BMC Neurology.

Sincerely yours:

Félix Javier Jiménez-Jiménez