Reviewer’s report

Title: Effects of a Cholesterol-Enriched Diet on Intestinal Smooth Muscle Contraction: Inhibition of Muscarinic Receptors and their Disinhibition by the 5-HT4 Agonist - Tegaserod

Version: 3  Date: 12 January 2006

Reviewer: David Schneider

Reviewer’s report:

General

All major compulsory and discretionary revisions have been satisfactorily addressed. There are a few Minor Essential Revisions still necessary before publication, but this reviewer finds the first revision acceptable for publication with minor edits.

Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

None.

Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

Regarding Minor Essential Revision 8: There remains a discrepancy in the number of animals reported to have been used. The authors have adequately explained why they have changed the total number of animals used from 96 to 64, and why 4 less animals were subsequently available for experimentation. The authors have changed the experimental design numbers per group from 19 to 18. However, it seems that at least 72 animals must have been used given 4 experimental groups of 18. This must be clarified.

Regarding Minor Essential Revision 23: The X-axis title in all figures should be “log[Carbachol](M)” and not “log[Carbachol].M”

Discretionary Revisions (which the author can choose to ignore)

None.

What next?: Accept after minor essential revisions

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No

Declaration of competing interests:
'I declare that I have no competing interests.