Reviewer’s report

Title: Differential expression of histamine receptors in the bladder wall tissues of patients with bladder pain syndrome/interstitial cystitis – significance in the responsiveness to antihistamine treatment and disease symptoms

Version: 1 Date: 08 Sep 2019

Reviewer: Sivakumar Balakrishnan

Reviewer's report:

1. This seems to be retrospective review and its not clearly mentioned.
2. The objectives are generally acceptable.
3. The responses to treatment is unfortunately not clear. There is no clear objectives on treatment with antihistamines. There is no uniformity with the treatment as the medications used are not specified.
4. The conclusion drawn regarding response to treatment is not specific as treatment was not uniform and no specification/details found regarding this.
5. The conclusion drawn on the presence of receptors is good but the conclusion in regards to the expressions of the receptors were not correlated with antihistamine therapy outcome is not well supported.
6. References were adequate.

Please confirm that you have included your review in the ‘Comments to Author’ box?

As a minimum standard, please include a few sentences that outline what you think are the authors’ hypothesis/objectives, their main results, and the conclusions drawn. Your report should constructively instruct authors on how they can strengthen their paper to the point where it may be acceptable for publication, or provide detailed reasons as to why the manuscript does not fulfill our criteria for consideration. Please supply appropriate evidence using examples from the manuscript to substantiate your comments. Please break your comments into two bulleted or numbered sections: major and minor comments.

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- Is the exact sample size (n) reported for each experimental group/condition (as a number, not a range)?
- Are the description of any error bars and probability values appropriate?
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