Author’s response to reviews

Title: Prospects of Indole derivatives as methyl transfer inhibitors: Antimicrobial Resistance Managers

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Author’s response to reviews:

Reviewer 1’s comments have been addressed as follows:

- Words ‘Background’, ‘Results’ and ‘Conclusion’ were not removed because the editorial office sent the manuscript back when I did so. The journal requires the authors to mention these headings in the abstract. (Abstract section, Page 2)

- All bacterial names have been italicized over the whole paper

- Molecular docking section
  - Space has been added between 11 and kcal (line 121, page 4)
  - After Ile 103, ‘.’ has been replaced by ‘,’ (line 125, page 4)
  - 2a,2b,2c has been written as 2a, 2b, 2c (line 155, page 5)

- Discussion (Drug target identification)
  - “for” has been removed (line 181, page 6)

- Discussion (Lead candidates)
  - Names of drugs have been decapitalized (lines 237 and 238, page 7)

- Conclusion
  - Indole has been written as indole (line 261, page 8)
• Methods (Protein and ligand preparation)
  o We used Gasteiger charges since Autodock was calibrated using Gasteiger partial charges on both the ligand and the macromolecule. The sentence has been corrected accordingly. (line 315, page 9)

• About all tables
  o Decimal numbers have same of decimals on all tables

• Filtering and clustering of results
  o We used NNScore and AuPosSom for further filtering and clustering of the results to eliminate insignificant binding energies and better understanding of the binding poses. The manuscript has been modified accordingly (Molecular docking results, Page 4 and 5)

Reviewer 2’s comments have been addressed as follows:

1) Campylobacter coli has been studied.

2) In the whole text, names of microorganisms have been italicized.

3) All gene names are italicized whereas protein names are not.

4) All the comments included in the pdf version of the reviewer correction manuscript have been addressed properly.