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10-03-2016

To

Prof. Branislav Ž. Nikolić,

Serbian Chemical Society – JSCS,

4 Karnegijeva Street, 11120 Belgrade, Serbia.

**Sub: Submission of manuscript for publication.**

Respected Editor-in-Chief,

Find attached herewith the manuscript entitled “**Synthesis and antimicrobial evaluation of some 1′-(4-arylthiazol-2-yl)-2-(aryl/heteroaryl)-3′,5-dimethyl-1′*H*,2*H*-3,4′-bipyrazol-5′-ols***”* for consideration of publication in your esteemed journal. The important findings are:

1. A series of sixteen 1′-(4-arylthiazol-2-yl)-2-(aryl/heteroaryl)-3′,5-dimethyl-1′*H*,2*H*-3,4′-bipyrazol-5′-ols was synthesized and characterized by different spectral (IR, 1H NMR and mass) and physical techniques.
2. The synthesized compounds were investigated for evaluation of their *in vitro* antimicrobial activity against three bacterial strains *viz*. *Bacillus subtilis*, *Staphylococcus aureus* and *Escherichia coli*, and two fungal strains *viz*. *Candida albicans* and *Aspergillus niger*.
3. Antifungal activities were found more prolific than antibacterial activities.
4. The compounds **7a** and **7e** exhibited more inhibitory activity against *A. niger* than the reference drug *i.e.* Fluconazole.
5. Further, the docking simulations of compounds **7a**, **7m** and **7o** were performed into active site of *S. aureus* 1,4-dihydroxy-2,2 naphthoyl CoA synthase to study binding interactions.

The Authors warranted that the manuscript submitted to the *Journal* for review is original, has been written by the stated authors and has not been published elsewhere; is currently not being considered for publication by any other journal and will not be submitted for such a review while under review by the *Journal*; the manuscript contains no libellous or other unlawful statements and does not contain any materials that violate any personal or proprietary rights of any other person or entity.

As per the journal’s guidelines, the list of potential reviewers suggested with the appropriate technical expertise is as follows:

**LIST OF SUGGESTED REVIEWERS**

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I kindly request you to consider the manuscript for publication and do the needful.

Thanking you.

Yours Sincerely,

**(Dr. Satbir Mor)**