Date: 25.08.2017

To

The Editor

Journal of Serbian Chemical Society

Dear Sir/Madam,

We are here with sending our research article entitled, ***“*Microwave assisted synthesis of 1*H*-tetrazole based flavonoid derivatives and their antimicrobial activity*”*** for publication in ***“Journal of Serbian Chemical Society”.***

A series of novel tetrazole scaffolds containing chalcones **4a-e** and aurones **5a-e** have been synthesized under conventional and microwave irradiation methods. All the newly synthesized compounds were characterized by IR, NMR and Mass spectral data. Furthermore, the title compounds were screened *in vitro* for their antimicrobial activity against bacteria such as *Staphylococus aureus*, *Bacillus subtilis*, *Klebsiella pneumoniae* and *Escherichia coli* as well as fungi such as *Aspergillus Niger,* *Aspergillus flavus* and *Fusarium oxysporum*. Some of the compounds showed very good activity compared to standard drugs against all pathogenic bacteria and fungi.

Necessary action may kindly be taken.

Best regards,

Dongamanti Ashok

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