

Review Form 1.6

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| Journal Name: | Journal of Pharmaceutical Research International |
| Manuscript Number: | Ms_JPRI_78006 |
| Title of the Manuscript: | Synthesis, Characterization of some new 1,3,5-trisubstituted pyrazole derivatives for their Antifungal potential |
| Type of the Article | |

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://peerreviewcentral.com/page/manuscript-withdrawal-policy>)

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PART 1: Review Comments

| | Reviewer's comment | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|-------------------------------------|--|---|
| Compulsory REVISION comments | <p>Dear Authors, you report an interesting original article about novel 1,3,5-trisubstituted-2-pyrazolines derivative. In this period we need new molecules and drugs against fungal pathogens, considering the increasing in fungal infections and resistances. The manuscript must be improved, from language editing to some formal errors.</p> <ol style="list-style-type: none"> 1) Abstract must include some lines about background, then you can introduce your study, not starting <i>in medias res</i>. 2) Lines and pages' numbers are lacking. 3) In the abstract, before complete name then acronym 4) All bacterial and fungal's name are wrong. They must be write in italic style; first name with capital letter, secondo ne not i.e. <i>A. niger</i> 5) Agar diffusion method? What is that? Did you mean The Kirby-Bauer test? 6) "The usual antifungal medicine was ketoconazole." what does it mean? Did you use ketoconazole as a control? 7) "Antifungals are used to treat fungal diseases including athlete's foot, ringworm, and candidiasis (thrush), as well as dangerous systemic infections such cryptococcal meningitis. Antifungal kills the fungal organism without harming the host by taking advantage of distinctions between mammalian and fungal cells." First, references lacking. Then, rewrite the sentence with more scientific method and with more rational. Report a simple fungal infection classification i.e. for apparatus. Moreover, explain the different classes of antimycotic agents, and highline how some of them are not fully specify for fungi but present adverse event in human. 8) NSAID, GABA, TLC explain please. 9) To report the antifugal activity use a four grade scale: <ul style="list-style-type: none"> - Poor - Mild - Moderate - Hight 10) it is not clear if you used ketoconazole or clotrimazole as control; 11) Read and cite: <ul style="list-style-type: none"> - Cosio T, Gaziano R, Zuccari G, Costanza G, Grelli S, Di Francesco P, Bianchi L, Campione E. Retinoids in Fungal Infections: From Bench to Bedside. Pharmaceuticals (Basel). 2021 Sep 24;14(10):962. doi: 10.3390/ph14100962. PMID: 34681186; PMCID: PMC8539705. <p>Language editing is needed.</p> | |
| Minor REVISION comments | | |
| Optional/General comments | <p>Images should be improved in quality.</p> | |

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PART 2:

| | Reviewer's comment | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
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| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

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| Name: | Terenzio Cosio |
| Department, University & Country | University of Rome Tor Vergata, Italy |