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| Book Name: | [**Pharmaceutical Science: New Insights and Developments**](https://www.bookpi.org/bookstore/product/pharmaceutical-science-new-insights-and-developments-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5937** |
| Title of the Manuscript: | **Characterization of Phytochemicals and Antioxidant Activity in Leaf and Flower Extracts of Ruta graveolans L., an Ethnomedicinal Plant of BR Hills, Chamarajanagar, Karnataka** |
| Type of the Article | **Book Chapter** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | The manuscript showcased four different solvent systems used in the extraction of phytochemicals from the leaves and flowers of *Ruta graveolans,* providing a wide spectrum of compounds with different polarities. The wider spectrum of phytochemical tests provides insight into the types of compounds present in each extract. The pharmaceutical importance of the compounds present in each extract was also highlighted, indicating the plant as a hit for novel drugs. The diagrammatic and graphical representation of the findings also makes the manuscript reader-friendly. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Title needs modification. Suggestion: Identification of Phytochemicals and Antioxidant Activity in Leaf and Flower Extracts of *Ruta graveolans* L., an Ethnomedicinal Plant of BR Hills, Chamarajanagar, Karnataka, using different solvent systems. |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | Comprehensive enough |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes,** scientific procedures were outlined |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | A few statements of fact that need referencing were identified. The genus *Ruta* has been bountifully used in the most ancient systematic records of medical practice of the Mediterranean world (discussion column). |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes. |  |
| Optional/General comments | Minor errors identified should be corrected |  |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |

**Reviewer details:**

**Solomon Kwadjo Tetteh, Ghana**