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| Journal Name: | [**European Journal of Medicinal Plants**](https://journalejmp.com/index.php/EJMP) |
| Manuscript Number: | **2025\_EJMP\_136740** |
| Title of the Manuscript: | **Comparative study of phenolic compound content and assessment of antioxidant activity of Uvaria chamae and Jatropha curcas extracts used in the management of sickle cell disease in Benin** |
| Type of the Article : | Research |

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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** (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 work carried out by the researchers highlight the importance of plant and plant based products in treating various diseases. This work has reiterated that *Uvaria chamae* *and Jatropa curcas* extracts exhibit antioxidant potential and thus have a role to play in managing clinical conditions. This type of work will strengthen the research on plant species for making their optimal use. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | As The work described here does not have any direct evidence or study on sickle cells of Benin the title could have been  Comparative study of phenolic compound content and the possible use of antioxidant potential of *Uvaria chamae* and *Jatropha curcas* extracts in the management of sickle cell disease. |  |
| 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. | The abstract could have justified the title more had it included some thing about the state of sickle cell anemia in Benin. With no mention at all of the gravity of sickle in Benin in abstract and the manuscript the article looks incomplete |  |
| Is the manuscript scientifically, correct? Please write here. | For almost entire part the manuscript is scientifically correct. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references are sufficient. Most if it ranging in the period 2012 to 2017. There could have been some more from 2023 to 2025. |  |
| Is the language/English quality of the article suitable for scholarly communications? | The English language is simple and understandable. But the last line of manuscript has a spelling mistake of antioxidant as antioxydant |  |
| Optional/General comments | The authors must make an effort to justify the title with the abstract composition and manuscript relevant to the title. |  |

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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:**

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