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| Journal Name: | [**Journal of Pharmaceutical Research International**](https://journaljpri.com/index.php/JPRI) |
| Manuscript Number: | **Ms\_JPRI\_140112** |
| Title of the Manuscript: | **Natural Compounds as Promising Therapies for Cervical Cancer: Mechanisms and Synergies** |
| Type of the Article | **Review article** |

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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 article show promising phytotherapy compounds such as( Kaempferol, Sanguinarine, Camptothecin ….. ) in treatment cervical cancer by focusing on mechanisms like apoptosis , cell cycle arrest, and key signaling pathways (e.g., PI3K/AKT, NF-κB). Furthermore, the article open new horizons for low-cost and alternative medicines for Cervical Cancer. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes, It is suitable. |  |
| 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. | Idea is clear with balanced and uniform looking, focusing in Hela and SiHa cell lines is a strength point. “Significant adverse consequences” could be specific for example toxicity, It is more appropriate to add epidemiological statement. |  |
| Is the manuscript scientifically, correct? Please write here. | The manuscript has rich content covers P53, Bax/Bcl2 , EMT, cell cycle arrest, mitochondrial membrane.  Focusing on (apoptosis and ferroptosis) is highly relevant.  Inclusion of molecular targets ( SLC7a11, GSH, ROS…..) verify the article. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | There are enough references but the article lacks citation in many parts.  You can add for dietary flavonoid with antioxidant, anti-inflammatory, and anticancer activities this reference “Calderon-Montano et al., 2011, Current Medicinal Chemistry”.  You can add for Cell cycle arrest at G2/M, p53 activation, and Bcl-2 suppression are known pathways and Modulation of NF-κB, cyclin B1, CDK1 are plausible and supported in other cancers too this reference  “Choi & Ahn, 2008, International Journal of Oncology”. |  |
| Is the language/English quality of the article suitable for scholarly communications? | “ her Hela cells “ is an inappropriate phrasing.  “ here we report “ “ our study “ are opposite in meaning.  “B. cucumber confirmed “ isn’t professional tone.  There are some Grammarly issues ex : (aims …is) and ( A extensive ). |  |
| Optional/General comments | I suggest to add figures or comparison in table between natural compounds. |  |

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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)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |

**Reviewer details:**

**Walaa Alaa Mahmoud, Arab Academy for Science, Egypt**