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| Journal Name: | [Asian Journal of Research in Medical and Pharmaceutical Sciences](https://journalajrimps.com/) |
| Manuscript Number: | **Ms\_AJRIMPS\_135473** |
| Title of the Manuscript: | **DIGITAL TRANSFORMATION IN PHARMACEUTICAL OPERATIONS: A COMPREHENSIVE REVIEW OF IOT APPLICATIONS** |
| Type of the Article |  |

**PART 1: Comments**

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|  | |  |  | | --- | --- | | **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer** | | | **review.** |  |   **Reviewer’s comment** | **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.** | This manuscript addresses a highly relevant and timely topic: the integration of Industrial Internet of Things (IIoT) technologies in pharmaceutical operations. Given the post-pandemic acceleration of digital transformation, the manuscript provides a valuable overview of how IIoT impacts manufacturing, clinical trials, drug discovery, supply chain logistics, and energy efficiency in the pharmaceutical industry. It highlights critical enablers and barriers, helping the scientific community understand the landscape for future research and industrial application. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | *Yes.*  The title is comprehensive and accurately reflects the content of the paper. |  |
| **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.** | *Yes, mostly.*   * The abstract clearly captures the background, objectives, major findings, and conclusion. * Minor edits could enhance flow and precision (e.g., removing slight redundancies like "challenges pose challenges"). |  |
| **Is the manuscript scientifically, correct? Please write here.** | *Yes, overall.*   * The content is well-grounded and broadly accurate. * However, it is more of a **narrative review** than an analytical review: o Many points are descriptive rather than critically synthesized. o Could be improved by better grouping and synthesizing findings. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | *Yes.*   * References are sufficient and largely recent (many from 2023-2024). * Some references (especially in IoT security and energy efficiency) are relevant and strengthen the work. |  |
| **Is the language/English quality of the article suitable for scholarly communications?** | *Generally good, but minor revisions needed.*   * A few grammatical issues and slightly awkward phrasings. * Minor copy-editing can greatly enhance readability. |  |
| **Optional/General** comments | * The paper could benefit from a **clearer structure** with stronger section transitions (currently, the sections are informative but feel disconnected). * Some figures are mentioned (e.g., Fig. 2, Fig. 5) but should be **better integrated** into the discussion text. * A short **future prospects** or **policy implications** section at the end would further strengthen the conclusion. * Scientifically sound, comprehensive, and timely topic. * Issues related to writing clarity, logical flow between sections, and light grammatical polishing need to be addressed. |  |

**PART 2:**

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|  | **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 detail)* |  |

**Reviewer details:**

**Jasmin Bharadiya , University of the Cumberland , USA**