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| Book Name: | [**Disease and Health: Research Developments**](https://www.bookpi.org/bookstore/product/disease-and-health-research-developments-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5390** |
| Title of the Manuscript: | **HIV- and Alcohol-induced Lysosomal Dysfunction in Hepatocytes Pro-motes the Release of Extracellular Vesicles and Contributes to Progressive Liver Damage** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Biomolecules, 11(10): 1497, 2021.**

**Available:** [**https://doi.org/10.3390/biom11101497**](https://doi.org/10.3390/biom11101497)

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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.** | **This manuscript makes a significant contribution to our understanding of HIV-related hepatotoxicity by exploring alcohol-derived acetaldehyde as a critical "second hit" factor that has been previously understudied. This work has important clinical implications for managing liver health in people living with HIV who consume alcohol, providing potential therapeutic targets that could mitigate hepatotoxicity in this vulnerable population.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The current title is informative and technically accurate, but it could be more concise and engaging while maintaining clarity. Here are some alternative suggestions:**  **Alternative Titles:**  **1. "HIV and Alcohol Synergistically Disrupt Lysosomal Function in Hepatocytes, Driving Extracellular Vesicle Release and Liver Injury"**  **(More concise while keeping key elements)**  **2. "Acetaldehyde and HIV Cooperatively Impair Lysosomal Repair in Hepatocytes, Promoting Exosome Release and Liver Damage"**  **(Highlights the key mechanisms—acetaldehyde + HIV—and consequences).** |  |
| 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. | **Overall Assessment:**  **The abstract effectively communicates your research but would benefit from these minor additions and clarifications to increase accessibility and highlight the clinical relevance of your findings, particularly for readers outside your immediate specialty.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Based on my evaluation of the scientific content presented in this manuscript, the research appears to be scientifically sound and follows established scientific principles.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Yes** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **Yes** |  |
| Optional/General comments |  |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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 detail)* |  |

**Reviewer details:**

**Hayder T. Qaddoori, Middle Technical University, Iraq**