

**Review Form 3**

Journal Name:	<a href="#">Journal of Cancer and Tumor International</a>
Manuscript Number:	Ms_JCTI_127614
Title of the Manuscript:	<b>Emerging Challenges in the Treatment of Lung Cancer During COVID-19 Infection</b>
Type of the Article	<b>Review Article</b>

**PART 1: Comments**

	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>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.</b>	This manuscript is highly significant for the scientific community as it explores the critical overlap between lung cancer treatment and the challenges posed by the COVID-19 pandemic. It provides an in-depth analysis of the molecular, immunological, and epigenetic mechanisms that link these two conditions, offering novel insights into their interaction. By addressing issues such as diagnostic complexities, treatment-induced pneumonitis, and the impact of inflammation, the study underscores the urgent need for tailored therapeutic approaches for this vulnerable patient population. Furthermore, the findings contribute to a broader understanding of how to manage cancer care effectively during global health crises, paving the way for future research and clinical innovation.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	The current title is appropriate but could be made more specific and engaging to reflect the manuscript's detailed " <b>Molecular and Clinical Challenges in Managing Lung Cancer During the COVID-19 Pandemic</b> "	
<b>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.</b>	The abstract provides a good overview but could benefit from more focus on key findings and contributions.	
<b>Is the manuscript scientifically, correct? Please write here.</b>	<p>The manuscript appears to be scientifically sound and well-researched, providing valuable insights into the challenges of managing lung cancer patients during the COVID-19 pandemic. It effectively integrates clinical, molecular, and epigenetic perspectives, supporting its conclusions with relevant citations and data, to ensure complete accuracy:</p> <ol style="list-style-type: none"> <li>1. Double-check all references for their validity and relevance, especially concerning recent discoveries or updates.</li> <li>2. Verify the alignment of stated molecular mechanisms (e.g., the interaction of signaling pathways like PAI-1 or basigin) with the latest literature.</li> <li>3. Clarify any ambiguous statements or hypotheses that may lack direct evidence or remain speculative.</li> </ol> <p>Overall, the manuscript is scientifically robust but could benefit from a critical review to confirm all details and strengthen its foundation further.</p>	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	<p>The references cited in the manuscript appear relevant and cover a range of foundational and contemporary studies. However, some references may need updating to include the most recent findings, especially since COVID-19 research has rapidly evolved in the last few years. Here are some suggestions:</p> <p><b>Evaluation of References:</b></p>	

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	<ol style="list-style-type: none"> <li>1. The majority of references appear to be from 2020 and earlier. Including more recent studies from 2021–2023 would strengthen the manuscript's relevance.</li> <li>2. Some key topics, such as the latest advances in diagnostic imaging for differentiating COVID-19 pneumonia and cancer-related pneumonitis, may benefit from more up-to-date references.</li> </ol>	
<p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>The language of the manuscript is generally suitable for scholarly communication, but it could benefit from refinement to improve clarity, conciseness, and readability. Some sentences are overly complex or redundant, and there are occasional grammatical and stylistic issues that may hinder comprehension.</p> <p><b>Suggestions for Improvement:</b></p> <ol style="list-style-type: none"> <li>1. <b>Simplify Sentence Structure:</b> Some sentences are long and convoluted. Breaking them into shorter, clearer sentences will enhance readability. <ul style="list-style-type: none"> <li>○ Example: "COVID-19-related lung cancer patients' incidental radiologic abnormalities might show up in regular radiology exams, making it challenging to understand disease progression and the effect of therapy." <ul style="list-style-type: none"> <li>▪ Suggested revision: "Incidental radiologic abnormalities in lung cancer patients with COVID-19 may complicate the evaluation of disease progression and treatment effects."</li> </ul> </li> </ul> </li> <li>2. <b>Grammar and Syntax:</b> Minor grammatical issues, such as subject-verb agreement and word choice, need attention. <ul style="list-style-type: none"> <li>○ Example: "Cancer patients, specifically lung cancer patients, are undergoing a more vulnerable group..." <ul style="list-style-type: none"> <li>▪ Suggested revision: "Cancer patients, particularly those with lung cancer, are a highly vulnerable group..."</li> </ul> </li> </ul> </li> <li>3. <b>Avoid Repetition:</b> Certain ideas are repeated across sections, which could be streamlined for conciseness.</li> <li>4. <b>Use Formal Tone:</b> Some phrases, like "the current COVID-19 health crisis," could be expressed more formally (e.g., "the ongoing COVID-19 pandemic").</li> </ol>	
<p><b><u>Optional/General</u></b> comments</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Clarity and Focus:</b> Some sections could benefit from clearer explanations, especially around molecular mechanisms and their practical implications for treatment.</li> <li><input type="checkbox"/> <b>Visual Aids:</b> Including more diagrams or tables could help summarize complex findings and improve reader comprehension.</li> <li><input type="checkbox"/> <b>Future Directions:</b> Discussing future research or strategies to overcome challenges would enhance the manuscript's impact.</li> <li><input type="checkbox"/> <b>Ethical Considerations:</b> Briefly mentioning ethical concerns related to treating lung cancer patients during a pandemic would be valuable.</li> <li><input type="checkbox"/> <b>Target Audience:</b> Consider tailoring the content to emphasize either practical guidelines for clinicians or more in-depth research analysis for a scientific audience.</li> </ul>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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