PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Oncology*

Manuscript NO: 87273

Title: What should be the future direction of development in the field of prostate cancer with lung metastasis?

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04700321

Position: Peer Reviewer

Academic degree: N/A

Professional title: N/A

Reviewer's Country/Territory: China

Author's Country/Territory: China

Manuscript submission date: 2023-08-14

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-08-14 10:39

Reviewer performed review: 2023-08-15 01:34

Review time: 14 Hours

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No scientific significance
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [Y] Minor revision [ ] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The paper aims to provide a systematic knowledge framework for PCLM by conducting a bibliometric analysis of the research output in this field and exploring the molecular mechanisms of PCLM. The authors collected data from 280 high-quality papers and performed enrichment analysis and protein-protein interaction analysis to summarize and explore the mechanisms of PCLM. They also discussed the current treatment strategies and highlighted the need for further research to improve the prognosis and find a thorough cure for PCLM. Overall, the paper provides valuable insights into the current state of research in the field of PCLM and identifies potential directions for future development. The use of bibliometric analysis and molecular mechanism exploration adds depth and credibility to the study. However, there are a few areas that could be further improved. Questions And Suggestions: 1) Can the authors provide more details about the criteria used for the selection of the 280 papers included in this study? Specifically, how were the high-quality papers identified and what were the inclusion and exclusion criteria? 2) The paper mentions the uneven spatial distribution of PCLM research. Can the authors provide more information about the reasons behind

this uneven distribution and the potential implications for future research? 3) The paper discusses the current treatment strategies for PCLM, including chemotherapy and immunotherapy. Can the authors provide more details about the limitations and challenges associated with these treatment approaches? Are there any emerging therapies or approaches that show promise for PCLM treatment? 4) The paper highlights the importance of exploring and enhancing mechanisms such as cytokine-cytokine receptor interaction and ribosome in PCLM research. Can the authors provide more details about the specific roles of these mechanisms in PCLM and the potential implications for future research and treatment development? 5) The paper briefly mentions the association between COVID-19 and pathways related to PCLM. Can the authors provide more information about this association and its potential impact on PCLM research and treatment? 6) Can the authors discuss the potential role of targeted therapy in PCLM treatment? Are there any specific targets or pathways that show promise for targeted therapy in PCLM? 7) The paper mentions the importance of translating basic research findings into clinical applications. Can the authors provide more details about the challenges and potential strategies for translating basic research findings in the field of PCLM? 8) Can the authors discuss the potential role of precision medicine in the treatment of PCLM? Are there any specific biomarkers or genetic alterations that could be targeted for personalized treatment approaches?

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Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No
Peer-reviewer statements	Peer-Review: [ ] Anonymous [Y] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

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In General: it's a good paper and the subject of the manuscript is applicable and useful. Title: the title properly explains the purpose and objective of the article Abstract: abstract contains an appropriate summary for the article, the language used in the abstract is easy to read and understand, and there are no suggestions for improvement. Introduction: authors do provide adequate background on the topic and reason for this article and describe what the authors hoped to achieve. MATERIALS AND METHODS: - The variables selected for the study are described clearly and are appropriate, given the nature of the question asked. - The research design is described in detail. - The research design is appropriate and does not contain particular weaknesses. - The measurement instrument, including its psychometric qualities, is described clearly. - The population of interest and the sampling procedure are defined clearly. - The data collection procedure is clearly described. - The setting in which the study took place is described. - The data analysis procedures are stated in precise terms. - The data analysis procedures are appropriate. Results: the results are presented clearly, the authors provide accurate research results, and there is sufficient evidence for each result,

Specific data accompany the result statement, and Tables and figures are used efficiently. Conclusion: in general: Good and the research provides sample data for the authors to make their conclusion. Grammar: There are a lot of grammatical errors. This must be taken care of and addressed. . (Check The Paper Comments).