



PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Oncology

Manuscript NO: 55375

Title: Evolutionary model of Brain Tumor Circulating Cells: Cellular Galaxy

Reviewer's code: 05106340

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Iran

Manuscript submission date: 2020-07-29

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2020-09-23 00:23

Reviewer performed review: 2020-09-28 09:37

Review time: 5 Days and 9 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

In this manuscript, the authors aimed to explore the scenario of CTCs' behavior in tumor (T) and blood in eighteen patients with brain tumors by assessing protein expression . The article is interesting. However, there are still some problems need to be resolved, as detailed below. 1. It is not easy to understand article results and abstract results. the writing of this article should be improved. the key data in this article should be showed in abstract results.. 2. CTC is very rare in the blood, accounting for only about one billionth of the total PBMCs. How did the author judge the protein expression on CTC without cell purification?



PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Oncology

Manuscript NO: 55375

Title: Evolutionary model of Brain Tumor Circulating Cells: Cellular Galaxy

Reviewer's code: 04089095

Position: Editorial Board

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Iran

Manuscript submission date: 2020-07-29

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2020-09-22 04:11

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Review time: 7 Days and 8 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
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SPECIFIC COMMENTS TO AUTHORS

This manuscript was aimed to explore the scenario of CTCs' behavior in tumor (T) and blood to provide the hypothetical-based agenda in the brain neoplasms. Protein expression (PE) is assayed by Immunofluorescence in tumor (T) cells and CTCs in eighteen patients with brain tumors. Ratio test was applied between the tumor cells and CTCs, and also in vascular system. Somatic/genomic Ratio- based classification of PE in CCL2(C), VEGF (V), EGF (E); CD13/Cyclin E/Neuronal marker (NM)/, KRT19/ CD45 were investigated. This paper is innovative and written smoothly with clear thinking and rigorous logic, but there are some minor problems: 1. In the second paragraph of the "RESULT", should the word " by" be removed? 2. On page 3, line 7, the name of the person is misplaced. 3. On page 3, line 14, should the word "plan" be replaced by "planning"? 4. The number of specimens selected is relatively small, which can not accurately represent the individual, and can not accurately reflect the general characteristics of the population. You should collect as much information as possible. 5. The contents of 'MATERIALS AND METHODS' are a little too concise. In "Analytical strategy", we should explain in more detail how data analysis is carried out. In "The experimental methods", the experimental method needs further explanation. 6. In the sixth paragraph of the "RESULT", you should give a brief introduction to how the data in the table are obtained. Overall, I think this article has certain innovation, but there are also some problems that need improvement. I think this article needs to be reviewed again after revision.