**Review Form 3**

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| --- | --- | --- | --- | --- |
| Journal Name: |  | [**Journal of Scientific Research and Reports**](https://journaljsrr.com/index.php/JSRR) | |  |
|  |  |  |  |  |
| Manuscript Number: |  | **Ms\_JSRR\_133742** | |  |
|  |  |  |  |  |
| Title of the Manuscript: |  | **Establishment of In-Vitro Cell Cultures Using Patient-Derived Ascitic or Pleural Fluid from Cancer Patients.** | |  |
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|  |  |  |  |  |
| Type of the Article |  |  |  |  |
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**Review Form 3**

**PART 1: Comments**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | **Reviewer’s comment** | |  | **Author’s Feedback** *(Please correct the manuscript and highlight that part* |
|  |  |  |  | **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer** | |  | *in the manuscript. It is mandatory that authors should write his/her feedback* |
|  |  |  |  | **review.** |  |  | *here)* |
|  |  |  |  | | |  |  |
|  | **Please write a few sentences regarding the importance** | | Authors established cell cultures in-vitro using patient-derived ascitic or pleural fluid from cancer | | |  |  |
|  | **of this manuscript for the scientific community. A** | | patients, it valuable and is helpful to carry out further research on cell culture and cancer biology to | | |  |  |
|  | **minimum of 3-4 sentences may be required for this** | | identify drug action mechanisms, drug resistance, radiosensitivity evaluation, etc.But, | | |  |  |
|  | **part.** | | 1.There are many grammatical mistakes. | | |  |  |
|  |  |  | 1. It was helpful that Authors should display the baseline patient characteristics, such as cancer type, stage, as well as the characteristics of ascitic or pleural fluid, such as the color of of ascitic or pleural fluid. 2. How about the inclusion and exclusion criteria, give the explanation for why only 12/20 samples succeeded. 3. Authors should give the detail information on culture conditions , such as CO₂ concentration, medium composition ratios, which is compromising reproducibility. 4. In the section of Discussion , authors should give detail discussion on low proliferation rates in some samples,such as possibly due to prior treatment or tumor heterogeneity, as well as the study limitations. | | |  |  |
|  | **Is the title of the article suitable?** | | Yes | | |  |  |
|  | **(If not please suggest an alternative title)** | |  | | |  |  |
|  |  |  |  | | |  |  |
|  | **Is the abstract of the article comprehensive? Do you** | | No, the abstract lacks quantitative data, such as success rate: 12/20 samples, 60%. | | |  |  |
|  | **suggest the addition (or deletion) of some points in this** | |  | | |  |  |
|  | **section? Please write your suggestions here.** | |  | | |  |  |
|  |  |  |  | | |  |  |
|  | **Is the manuscript scientifically, correct? Please write** | | No, Authors should display the baseline patient characteristics, such as cancer type, stage, as well as the | | |  |  |
|  | **here.** | | characteristics of ascitic or pleural fluid, such as the color of of ascitic or pleural fluid. | | |  |  |
|  |  |  | Authors should give the detail information on culture conditions , such as CO₂ concentration, medium composition ratios, which is compromising reproducibility.In the section of Discussion , authors should give detail discussion on low proliferation rates in some samples,such as possibly due to prior treatment or tumor heterogeneity, as well as the study limitations. | | |  |  |
|  | **Are the references sufficient and recent? If you have** | | Yes | | |  |  |
|  | **suggestions of additional references, please mention** | |  | | |  |  |
|  | **them in the review form.** | |  | | |  |  |
|  |  |  |  | | |  |  |
|  | **Is the language/English quality of the article suitable** | | There are many grammatical mistakes, and Reference formatting is inconsistent. | | |  |  |
|  | **for scholarly communications?** | |  | | |  |  |
|  |  | |  | | |  |  |
|  | **Optional/General** comments | |  | | |  |  |
|  |  |  |  |  | Actually, this paper is novelty in part,  But insufficient and English writing here is poor. |  |  |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment** *(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)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |

**Reviewer details:**

**Xiaojing Chang, The Second Hospital of Hebei Medical University, China**