



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 50783

**Title:** In-vitro proliferation assay with recycled ascitic cancer cells in malignant pleural mesothelioma

**Reviewer's code:** 03086186

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Associate Professor, Attending Doctor

**Reviewer's country:** Taiwan

**Author's country:** Japan

**Reviewer chosen by:** Artificial Intelligence Technique

**Reviewer accepted review:** 2019-08-14 01:08

**Reviewer performed review:** 2019-08-15 11:13

**Review time:** 1 Day and 10 Hours

| SCIENTIFIC QUALITY                                     | LANGUAGE QUALITY   | CONCLUSION                                 | PEER-REVIEWER STATEMENTS                      |
|--|--|--|---|
| <input type="checkbox"/> Grade A: Excellent            | <input checked="" type="checkbox"/> Grade A: Priority publishing | <input type="checkbox"/> Accept            | Peer-Review:                                  |
| <input checked="" type="checkbox"/> Grade B: Very good | <input type="checkbox"/> Grade B: Minor language                 | (High priority)                            | <input checked="" type="checkbox"/> Anonymous |
| <input type="checkbox"/> Grade C: Good                 | polishing  | <input checked="" type="checkbox"/> Accept | <input type="checkbox"/> Onymous              |
| <input type="checkbox"/> Grade D: Fair                 | <input type="checkbox"/> Grade C: A great deal of                | (General priority)                         | Peer-reviewer's expertise on the              |
| <input type="checkbox"/> Grade E: Do not               | language polishing   | <input type="checkbox"/> Minor revision    | topic of the manuscript:                      |
| publish  | <input type="checkbox"/> Grade D: Rejection                      | <input type="checkbox"/> Major revision    | <input type="checkbox"/> Advanced             |
|  |  | <input type="checkbox"/> Rejection         | <input checked="" type="checkbox"/> General   |
|  |  |  | <input type="checkbox"/> No expertise         |
|  |  |  | Conflicts-of-Interest:                        |
|  |  |  | <input type="checkbox"/> Yes                  |
|  |  |  | <input checked="" type="checkbox"/> No        |

**SPECIFIC COMMENTS TO AUTHORS**



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Dr. Takashi Anayama and the other authors reported a case of massive ascites due to recurrent malignant pleural mesothelioma and was controlled using KM-cell-free and concentrated ascites reinfusion therapy (KM-CART). The tumor cells derived were used in an in-vitro cell growth assay with the collagen gel droplet-embedded culture drug sensitivity test (CD-DST) to investigate anticancer drug susceptibility. Over all, the manuscript is well written and supplemented with good illustrations. It provides a new method to improve the life quality and survival of patients with massive malignant effusion. I have no further comment.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

- The same title
- Duplicate publication
- Plagiarism
- No

##### ***BPG Search:***

- The same title
- Duplicate publication
- Plagiarism
- No



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 50783

**Title:** In-vitro proliferation assay with recycled ascitic cancer cells in malignant pleural mesothelioma

**Reviewer’s code:** 03262628

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Academic Research, Assistant Professor, Doctor

**Reviewer’s country:** Turkey

**Author’s country:** Japan

**Reviewer chosen by:** Artificial Intelligence Technique

**Reviewer accepted review:** 2019-08-13 16:50

**Reviewer performed review:** 2019-08-22 11:37

**Review time:** 8 Days and 18 Hours

| SCIENTIFIC QUALITY                                | LANGUAGE QUALITY  | CONCLUSION   | PEER-REVIEWER STATEMENTS                      |
|---|---|--|---|
| <input type="checkbox"/> Grade A: Excellent       | <input type="checkbox"/> Grade A: Priority publishing       | <input type="checkbox"/> Accept                    | Peer-Review:                                  |
| <input type="checkbox"/> Grade B: Very good       | <input checked="" type="checkbox"/> Grade B: Minor language | (High priority)                                    | <input checked="" type="checkbox"/> Anonymous |
| <input checked="" type="checkbox"/> Grade C: Good | polishing   | <input type="checkbox"/> Accept                    | <input type="checkbox"/> Onymous              |
| <input type="checkbox"/> Grade D: Fair            | <input type="checkbox"/> Grade C: A great deal of           | (General priority)                                 | Peer-reviewer’s expertise on the              |
| <input type="checkbox"/> Grade E: Do not          | language polishing  | <input checked="" type="checkbox"/> Minor revision | topic of the manuscript:                      |
| publish   | <input type="checkbox"/> Grade D: Rejection                 | <input type="checkbox"/> Major revision            | <input type="checkbox"/> Advanced             |
|   |   | <input type="checkbox"/> Rejection                 | <input checked="" type="checkbox"/> General   |
|   |   |  | <input type="checkbox"/> No expertise         |
|   |   |  | Conflicts-of-Interest:                        |
|   |   |  | <input type="checkbox"/> Yes                  |
|   |   |  | <input checked="" type="checkbox"/> No        |

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The original findings of this case report is that the filtration of the ascites, filtering the malignant cells and culturing them for determining sensitivity against chemotherapy drugs and also reinfusion of filtered cell-free ascites back to the patient and maintaing a lesser tense abdomen after the process till death as a palliative method. However, the patient's surveillence is not reported well in my openion and also the discussion part is so short and brief. There are a few things to pay attention: 1. The ORCID numbers of the authors are missing except the first author. 2. I could not see the figure 4 legend. 3. Discussion is so short, could be written more extensively.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

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- No

##### ***BPG Search:***

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- Plagiarism
- No