

PEER-REVIEW REPORT

Name of journal: *World Journal of Nephrology*

Manuscript NO: 66603

Title: Renal cell carcinoma and viral infections: a dangerous relationship?

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05487696

Position: Peer Reviewer

Academic degree: MD, MSc

Professional title: Consultant Physician-Scientist, Doctor, Lecturer

Reviewer's Country/Territory: Egypt

Author's Country/Territory: Italy

Manuscript submission date: 2021-03-31

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-06-19 06:22

Reviewer performed review: 2021-06-22 07:58

Review time: 3 Days and 1 Hour

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 Grade E: Do not publish |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

statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

1) A well written article, including two tables collecting most previous studies on the virus-renal cancer relationship; however, the studies in the tables should be ordered according to the year of publishing. 2) Conventional renal cell carcinoma is discussed clearly and sarcomatoid cancer also well-described in relation to the associated viruses, but collecting duct carcinoma (a rare variant with poor prognosis and challenging therapy) didnot clearly discussed however a relationship between the CDC and viruses, particularly, BK polyomavirus was reported in the literature, it would be better to add a brief of the CDC and the related virus, Useful article to be cited for CDC <https://doi.org/10.5489/cuaj.2932> <https://doi.org/10.1016/j.eucr.2020.101367> Useful articles for the relation between BK virus and CDC <https://doi.org/10.1016/j.ehpc.2016.10.003> <https://dx.doi.org/10.18632/oncotarget.24552>