

ICMJE DISCLOSURE FORM

Date: _____ Aug.29th,2023 _____

Your Name: _____ Man Zhang _____

Manuscript Title: _____ Identification of key molecules in the formation of portal vein tumor thrombus in hepatocellular carcinoma based on single cell transcriptomics and in vitro experiments _____

Manuscript number (if known): _____

In the interest of transparency, we ask you to disclose all relationships/activities/interests listed below that are related to the content of your manuscript. "Related" means any relation with for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript. Disclosure represents a commitment to transparency and does not necessarily indicate a bias. If you are in doubt about whether to list a relationship/activity/interest, it is preferable that you do so.

The following questions apply to the author's relationships/activities/interests as they relate to the current manuscript only.

The author's relationships/activities/interests should be defined broadly. For example, if your manuscript pertains to the epidemiology of hypertension, you should declare all relationships with manufacturers of antihypertensive medication, even if that medication is not mentioned in the manuscript.

In item #1 below, report all support for the work reported in this manuscript without time limit. For all other items, the time frame for disclosure is the past 36 months.

| | | Name all entities with whom you have this relationship or indicate none (add rows as needed) | Specifications/Comments (e.g., if payments were made to you or to your institution) |
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| Time frame: Since the initial planning of the work | | | |
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| Time frame: past 36 months | | | |
| 2 | Grants or contracts from any entity (if not indicated in item #1 above). | <u> </u> <u> </u> <u> </u> X <u> </u> None | |
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| 4 | Consulting fees | <u> </u> <u> </u> <u> </u> X <u> </u> None | |

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| 8 | Patents planned, issued or pending | <input checked="" type="checkbox"/> None | |
| 9 | Participation on a Data Safety Monitoring Board or Advisory Board | <input checked="" type="checkbox"/> None | |
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| 11 | Stock or stock options | <input checked="" type="checkbox"/> None | |
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| 13 | Other financial or non-financial interests | <input checked="" type="checkbox"/> None | |

Please summarize the above conflict of interest in the following box:

None.

Please place an "X" next to the following statement to indicate your agreement:

I certify that I have answered every question and have not altered the wording of any of the questions on this

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Date: _____ Aug.29th,2023 _____

Your Name: _____ Chenglei Su _____

Manuscript Title: _____ Identification of key molecules in the formation of portal vein tumor thrombus in hepatocellular carcinoma based on single cell transcriptomics and in vitro experiments _____

Manuscript number (if known): _____

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Date: _____ Aug.29th,2023 _____

Your Name: _____ Xiaoyu Liu _____

Manuscript Title: _____ Identification of key molecules in the formation of portal vein tumor thrombus in hepatocellular carcinoma based on single cell transcriptomics and in vitro experiments _____

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Date: _____ Aug.29th,2023 _____

Your Name: _____ Shuqun Hu _____

Manuscript Title: _____ Identification of key molecules in the formation of portal vein tumor thrombus in hepatocellular carcinoma based on single cell transcriptomics and in vitro experiments _____

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Your Name: _____ Xianliang Yan _____

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