ICMJE DISCLOSURE FORM

Date: **11/12/2021**
Your Name: Jiachen Xu
Manuscript Title: **Real-time digital PCR as a novel technology improves limit of detection for rare allele assays**
Manuscript number (if known): **TCLR-21-728**

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| Item | 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) |
|------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| 1    | All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) | National Natural Sciences Foundation To Dr. Jiachen Xu |
|      |                                                                         | Beijing Hope Run Special Fund of Cancer Foundation of China To Dr. Jiachen Xu |
|      |                                                                         | Special Research Fund for Central Universities, Peking Union Medial College To Dr. Jiachen Xu |
|      | **No time limit for this item.**                                        |                                                                                  |
| 2    | Grants or contracts from any entity (if not indicated in item #1 above). | X None |
| 3    | Royalties or licenses                                                   | X None |
| 4    | Consulting fees                                                        | X None |

Time frame: Since the initial planning of the work

Time frame: past 36 months
|   |   |   |
|---|---|---|
| 5 | Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events | _X_ None |
| 6 | Payment for expert testimony | _X_ None |
| 7 | Support for attending meetings and/or travel | _X_ None |
| 8 | Patents planned, issued or pending | _X_ None |
| 9 | Participation on a Data Safety Monitoring Board or Advisory Board | _X_ None |
| 10 | Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid | _X_ None |
| 11 | Stock or stock options | _X_ None |
| 12 | Receipt of equipment, materials, drugs, medical writing, gifts or other services | _X_ None |
| 13 | Other financial or non-financial interests | _X_ None |

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

This study was supported in part by my fundings. There are no conflicts of interest.

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Date: **11/12/2021**
Your Name: **Yan Wang**
Manuscript Title: **Real-time digital PCR as a novel technology improves limit of detection for rare allele assays**
Manuscript number (if known): **TCLR-21-728**

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| 1 | All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) | **__X__ None** |

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|---|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| 2 | Grants or contracts from any entity (if not indicated in item #1 above). | **__X__ None** |
| 3 | Royalties or licenses | **__X__ None** |
| 4 | Consulting fees | **__X__ None** |
|   | Description                                                                 | [ ] None |
|---|------------------------------------------------------------------------------|---------|
| 5 | Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events | [X] None |
| 6 | Payment for expert testimony                                                  | [X] None |
| 7 | Support for attending meetings and/or travel                                  | [X] None |
| 8 | Patents planned, issued or pending                                            | [X] None |
| 9 | Participation on a Data Safety Monitoring Board or Advisory Board             | [X] None |
| 10| Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid | [X] None |
| 11| Stock or stock options                                                        | [X] None |
| 12| Receipt of equipment, materials, drugs, medical writing, gifts or other services | [X] None |
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Date: **11/12/2021**
Your Name: **Zhijie Wang**
Manuscript Title: **Real-time digital PCR as a novel technology improves limit of detection for rare allele assays**
Manuscript number (if known): **TCLR-21-728**

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| CAMS Innovation Fund for Medical Sciences | To Dr. Zhijie Wang |
| National Natural Sciences Foundation | To Dr. Zhijie Wang |
| Beijing Natural Science Foundation | To Dr. Zhijie Wang |
| **Time frame: past 36 months** | |
| 2 Grants or contracts from any entity (if not indicated in item #1 above). | _X_ None |
| 3 Royalties or licenses | _X_ None |
| 4 Consulting fees | _X_ None |
| 5 Payment or honoraria for lectures, presentations, | _X_ None |
| Speaker bureaus, manuscript writing or educational events |  |
|---|---|
| Payment for expert testimony | _X_ None |
| Support for attending meetings and/or travel | _X_ None |
| Patents planned, issued or pending | _X_ None |
| Participation on a Data Safety Monitoring Board or Advisory Board | _X_ None |
| Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid | _X_ None |
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Manuscript number (if known): TCLR-21-728

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|      | **No time limit for this item.**                                                               |                                                                                     |
|      | National Key Research and Development Project                                                  | To Dr. Jie Wang                                                                     |
|      | National Natural Science Foundation Key Program                                                 | To Dr. Jie Wang                                                                     |
|      | CAMS Innovation Fund for Medical Sciences                                                       | To Dr. Jie Wang                                                                     |
|      | Aiyou Foundation                                                                               | To Dr. Jie Wang                                                                     |
|      | CAMS Key Lab of Translational Research on Lung Cancer                                           | To Dr. Jie Wang                                                                     |
| 2    | Grants or contracts from any entity (if not indicated in item #1 above).                      | X None                                                                               |
| 3    | Royalties or licenses                                                                          | X None                                                                               |

Time frame: past 36 months
|   | Financial or Non-Financial Interest                                                                 | None |
|---|---------------------------------------------------------------------------------------------------|------|
| 4 | Consulting fees                                                                                    | X    |
| 5 | Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events | X    |
| 6 | Payment for expert testimony                                                                       | X    |
| 7 | Support for attending meetings and/or travel                                                        | X    |
| 8 | Patents planned, issued or pending                                                                  | X    |
| 9 | Participation on a Data Safety Monitoring Board or Advisory Board                                   | X    |
| 10| Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid    | X    |
| 11| Stock or stock options                                                                             | X    |
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