**ICMJE DISCLOSURE FORM**

Date:_____Aug. 12th, 2021____
Your Name:___He Zhang___
Manuscript Title:___homozygous deletion of the HLA-B gene as an acquired-resistance mechanism to nivolumab in a patient with lung adenocarcinoma: A Case Report____
Manuscript number (if known):____ ATM-21-3825 ____________________________________________

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) |
|---|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 1 | All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) | _X_ None                                                                       |
|   | **Time frame: Since the initial planning of the work**                                        |                                                                                   |
| 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: past 36 months**                                                                |                                                                                   |
|   | Description                                                                 | X | 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 |
| 13| Other financial or non-financial interests                                   | X | 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:

_X_ I certify that I have answered every question and have not altered the wording of any of the questions on this form.
ICMJE DISCLOSURE FORM

Date:____ Aug. 12th, 2021____
Your Name:___ Weiwei Dong ___
Manuscript Title:__ homozygous deletion of the HLA-B gene as an acquired-resistance mechanism to nivolumab in a patient with lung adenocarcinoma: A Case Report ____
Manuscript number (if known):___ ATM-21-3825 __________________________________________________________

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|---|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| 1 | All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) **No time limit for this item.** | **X** None |
| 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, 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 |

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None.

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

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ICMJE DISCLOSURE FORM

Date:____ Aug. 12th, 2021____
Your Name:___ Huixia Zhao ___
Manuscript Title:__ homozygous deletion of the HLA-B gene as an acquired-resistance mechanism to nivolumab in a patient with lung adenocarcinoma: A Case Report _____
Manuscript number (if known):___ ATM-21-3825_____________________________________________________

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|---|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| **Time frame: Since the initial planning of the work** | | |
| 1 | All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) | _X_ None |
|   | No time limit for this item. | |

|   | | |
| **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 |
|   | Question                                                                 | Answer |
|---|--------------------------------------------------------------------------|--------|
| 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:

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_ X _ I certify that I have answered every question and have not altered the wording of any of the questions on this form.
ICMJE DISCLOSURE FORM

Date: _____ Aug. 12th, 2021 _____
Your Name: ___ Zhiyan Zeng ___
Manuscript Title: ___ homozygous deletion of the HLA-B gene as an acquired-resistance mechanism to nivolumab in a patient with lung adenocarcinoma: A Case Report _____
Manuscript number (if known): ___ ATM-21-3825 _________________________________________________________

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.

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|---|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| **Time frame: Since the initial planning of the work** |                                                                                               |                                                                                           |
| 1 | All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) **No time limit for this item.** | __X__ None                                                                                     |
| **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                                                                                     |
|   |                                                                 | _X_ None |
|---|----------------------------------------------------------------|---------|
| 5 | Payment or honoraria for lectures, presentations,              | X_None  |
|   | speakers bureaus, manuscript writing or educational events     |         |
| 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    | X_None  |
|   | Board or Advisory Board                                         |         |
|10 | Leadership or fiduciary role in other board, society,          | X_None  |
|   | committee or advocacy group, paid or unpaid                     |         |
|11 | Stock or stock options                                         | X_None  |
|12 | Receipt of equipment, materials, drugs, medical writing,       | X_None  |
|   | gifts or other services                                         |         |
|13 | Other financial or non-financial interests                      | X_None  |

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

None.

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ICMJE DISCLOSURE FORM

Date: _____ Aug. 12th, 2021____
Your Name: ___ Fengyun Zhang ___
Manuscript Title: ___ homozygous deletion of the HLA-B gene as an acquired-resistance mechanism to nivolumab in a patient with lung adenocarcinoma: A Case Report _____
Manuscript number (if known): ___ ATM-21-3825____________________________________________________

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.

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|---|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
|   | **Time frame: Since the initial planning of the work**                                                                                                                                     |                                                                                                                                     |
| 1 | All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.)                                                                 | __X__ None                                                                                                                          |
|   | **No time limit for this item.**                                                                                                                                                           |                                                                                                                                     |
|   | **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, 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:

None.

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

_X_ I certify that I have answered every question and have not altered the wording of any of the questions on this form.
ICMJE DISCLOSURE FORM

Date:____ Aug. 12th, 2021____
Your Name:___ Yanyan Hu ___
Manuscript Title:___ homozygous deletion of the HLA-B gene as an acquired-resistance mechanism to nivolumab in a patient with lung adenocarcinoma: A Case Report _____
Manuscript number (if known):___ ATM-21-3825 ____________________________

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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 |
|   | **No time limit for this item.** | |
| **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 |
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:

_X_ I certify that I have answered every question and have not altered the wording of any of the questions on this form.
# ICMJE DISCLOSURE FORM

**Date:** _____ Aug. 12th, 2021 _____  
**Your Name:** Qiuwen Li  
**Manuscript Title:** homozygous deletion of the HLA-B gene as an acquired-resistance mechanism to nivolumab in a patient with lung adenocarcinoma: A Case Report  
**Manuscript number (if known):** ATM-21-3825

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|---|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|   | **Time frame: Since the initial planning of the work**                                         |                                                                                       |
| 1 | All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) | _X_ None                                                                              |
|   | No time limit for this item.                                                                  |                                                                                       |
|   | **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, 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:

None.

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__X__ I certify that I have answered every question and have not altered the wording of any of the questions on this form.
ICMJE DISCLOSURE FORM

Date: Aug. 12th, 2021  
Your Name: Jing Chen  
Manuscript Title: homozygous deletion of the HLA-B gene as an acquired-resistance mechanism to nivolumab in a patient with lung adenocarcinoma: A Case Report  
Manuscript number (if known): ATM-21-3825

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| **Time frame: Since the initial planning of the work** |                                                                                 |
| 1 | All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) | X None                                                                                 |
|   | **No time limit for this item.**                                                            |                                                                                   |
| **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                                                                                 |
|   | Description                                                                 | Response |
|---|----------------------------------------------------------------------------|----------|
| 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                                  | The author is an employee of ChosenMed Technology. |

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

The author is an employee of ChosenMed Technology.

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

__X__ I certify that I have answered every question and have not altered the wording of any of the questions on this form.
**ICMJE DISCLOSURE FORM**

Date: Aug. 12\textsuperscript{th}, 2021  
Your Name: Erhong Meng  
Manuscript Title: homozygous deletion of the HLA-B gene as an acquired-resistance mechanism to nivolumab in a patient with lung adenocarcinoma: A Case Report  
Manuscript number (if known): ATM-21-3825

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| 1 | All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.)  
No time limit for this item. | _X_ None | |
| **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, 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 | The author is an employee of ChosenMed Technology. |

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

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**ICMJE DISCLOSURE FORM**

Date:______ Aug. 12th, 2021____
Your Name:___ Wenhua Xiao ___
Manuscript Title:__ homozygous deletion of the HLA-B gene as an acquired-resistance mechanism to nivolumab in a patient with lung adenocarcinoma: A Case Report _____
Manuscript number (if known):___ ATM-21-3825__________________________________________________________

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|---|------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| 1 | All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.)<br>No time limit for this item. | _X_ None<br> |

**Time frame: Since the initial planning of the work**

**Time frame: past 36 months**

| 2 | Grants or contracts from any entity (if not indicated in item #1 above). | _X_ None<br> |
| 3 | Royalties or licenses | _X_ None<br> |
| 4 | Consulting fees | _X_ None<br> |
|   |   |   |
|---|---|---|
| 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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