ICMJE DISCLOSURE FORM

Date: 2022/4/28
Your Name: Chuanfen Zhang
Manuscript Title: Identification of GPX4 as a therapeutic target for lung adenocarcinoma after EGFR-TKI resistance
Manuscript number (if known): TLCR-22-318

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**                                                                 |                                                                                   |
|   | Conflict of Interest                                | X | None |
|---|----------------------------------------------------|----|------|
| 5 | Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events |    | None |
| 6 | Payment for expert testimony |    | None |
| 7 | Support for attending meetings and/or travel       |    | None |
| 8 | Patents planned, issued or pending                 |    | None |
| 9 | Participation on a Data Safety Monitoring Board or Advisory Board |    | None |
| 10| Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid |    | None |
| 11| Stock or stock options                            |    | None |
| 12| Receipt of equipment, materials, drugs, medical writing, gifts or other services |    | None |
| 13| Other financial or non-financial interests         |    | 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: _______________ 2022/4/28 ___________________________________________________________________________

Your Name: Chunmei Wang

Manuscript Title: Identification of GPX4 as a therapeutic target for lung adenocarcinoma after EGFR-TKI resistance

Manuscript number (if known): TLR-22-318

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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|---|-----------------------------------------------------------------|---------------------------------------------------------------------------------|
| 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: Since the initial planning of the work**

|   |       |                                                                  |
|---|-------|-----------------------------------------------------------------|
| 2 |       | X None                                                                 |
| 3 | Royalties or licenses | X None |
| 4 | Consulting fees | X None |
| 5 |       | X None                                                                 |

**Time frame: past 36 months**
|   |                                                                                           |       |
|---|-------------------------------------------------------------------------------------------|-------|
| 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 | _X_  |
|   | unpaid                                                                                    |       |
|11 | Stock or stock options                                                                     | _X_  |
|12 | Receipt of equipment, materials, drugs, medical writing, gifts or other services           | _X_  |
|13 | Other financial or non-financial interests                                                | _X_  |

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: 2022/4/28

Your Name: Zhenyu Yang

Manuscript Title: Identification of GPX4 as a therapeutic target for lung adenocarcinoma after EGFR-TKI resistance

Manuscript number (if known): TLCR-22-318

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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                                                                               |                                                                                  |
| **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                                                                               |                                                                                  |
|   | Conflict of Interest                                                                 | 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:

None

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ICMJE DISCLOSURE FORM

Date: ________________ 2022/4/28

Your Name: ____________________________ Yuquan Bai

Manuscript Title: Identification of GPX4 as a therapeutic target for lung adenocarcinoma after EGFR-TKI resistance

Manuscript number (if known): TLCR-22-318

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.

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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: 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**
## Conflict of Interest Summary

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: ___ Apr/28/2022 ____________________________
Your Name: __ Takehito Shukuya ____________________
Manuscript Title: _ Identification of GPX4 as a therapeutic target for lung adenocarcinoma after EGFR-TKI resistance  
Manuscript number (if known): TLCR-22-318

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.

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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. | **None** |
| 2 | Grants or contracts from any entity (if not indicated in item #1 above). | MSD  
AstraZeneca  
Chugai Pharmaceutical  
Boehringer Ingelheim  
Novartis |
| 3 | Royalties or licenses | **None** |
### Consulting fees

| None |

### Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events

- Pfizer
- AstraZeneca
- Chugai Pharmaceutical
- Boehringer Ingelheim
- Novartis
- MSD
- Taiho Pharma
- Daiichi-Sankyo
- Ono Pharmaceutical
- Bristol-Myers Squibb
- Nippon Kayaku

### Payment for expert testimony

| None |

### Support for attending meetings and/or travel

| None |

### Patents planned, issued or pending

| None |

### Participation on a Data Safety Monitoring Board or Advisory Board

| None |

### Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid

| None |

### Stock or stock options

| None |

### Receipt of equipment, materials, drugs, medical writing, gifts or other services

| None |

### Other financial or non-financial interests

| None |

---

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

Dr. Shukuya receives grants from AstraZeneca, Chugai Pharmaceutical, Boehringer Ingelheim, Novartis and MSD; Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events from AstraZeneca, Chugai Pharmaceutical, Boehringer Ingelheim, Novartis, MSD, Taiho Pharma, Daiichi-Sankyo, Ono Pharmaceutical, Bristol-Myers Squibb, Nippon Kayaku and Pfizer.
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: ___ 25 April 2022 ___
Your Name: ____POH MAU ERN__
Manuscript Title: __Identification of GPX4 as a therapeutic target for lung adenocarcinoma after EGFR-TKI resistance__
Manuscript number (if known): TLCR-22-318

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.

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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: 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 |
|   | Conflict of Interest                                                                 |
|---|-------------------------------------------------------------------------------------|
| 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: 26 April 2022
Your Name: Simon Ekman
Manuscript Title: Identification of GPX4 as a therapeutic target for lung adenocarcinoma after EGFR-TKI resistance
Manuscript number (if known): TLCR-22-318

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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|---|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| 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. | ___None | Time frame: Since the initial planning of the work |
| 2 | Grants or contracts from any entity (if not indicated in item #1 above). | ___None | Time frame: past 36 months |
| 3 | Royalties or licenses | ___None |
| 4 | Consulting fees | ___None |
|   | Conflict of Interest                                                                 | Answer |
|---|-------------------------------------------------------------------------------------|--------|
| 5 | Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events | None   |
| 6 | Payment for expert testimony                                                        | None   |
| 7 | Support for attending meetings and/or travel                                        | None   |
| 8 | Patents planned, issued or pending                                                  | None   |
| 9 | Participation on a Data Safety Monitoring Board or Advisory Board                   | None   |
|10 | Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid | None   |
|11 | Stock or stock options                                                              | None   |
|12 | Receipt of equipment, materials, drugs, medical writing, gifts or other services   | None   |
|13 | Other financial or non-financial interests                                          | 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: __________________2022/4/28__________________________________________________________________
Your Name: __________________Jian Li______________________________________________________

Manuscript Title: Identification of GPX4 as a therapeutic target for lung adenocarcinoma after EGFR-TKI resistance
Manuscript number (if known): TLCR-22-318

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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) | 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 |  |
|   | Conflict Description                                                                 | Status |
|---|--------------------------------------------------------------------------------------|--------|
| 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: ___________ 2022/4/28 ______________________________________________________________________

Your Name: ___Yuyang Xu ___

Manuscript Title: Identification of GPX4 as a therapeutic target for lung adenocarcinoma after EGFR-TKI resistance
Manuscript number (if known): TLCR-22-318

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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: Since the initial planning of the work

|   |                                                                                             | Specifications/Comments (e.g., if payments were made to you or to your institution) |
|---|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 2 | Grants or contracts from any entity (if not indicated in item #1 above).                     | __X__ None                                                                       |

Time frame: past 36 months

|   |                                                                                             | Specifications/Comments (e.g., if payments were made to you or to your institution) |
|---|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 3 | Royalties or licenses                                                                        | __X__ None                                                                       |

|   |                                                                                             | Specifications/Comments (e.g., if payments were made to you or to your institution) |
|---|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 4 | Consulting fees                                                                             | __X__ None                                                                       |
|   | Description                                                                 | Answer |
|---|-----------------------------------------------------------------------------|--------|
| 5 | Payment or honoraria for lectures, presentations, speakers bureaus,         | None   |
|   | manuscript writing or educational events                                    |        |
| 6 | Payment for expert testimony                                                | None   |
| 7 | Support for attending meetings and/or travel                                | None   |
| 8 | Patents planned, issued or pending                                           | None   |
| 9 | Participation on a Data Safety Monitoring Board or Advisory Board            | None   |
| 10| Leadership or fiduciary role in other board, society, committee or advocacy | None   |
|   | group, paid or unpaid                                                        |        |
| 11| Stock or stock options                                                       | None   |
| 12| Receipt of equipment, materials, drugs, medical writing, gifts or other     | None   |
|   | services                                                                     |        |
| 13| Other financial or non-financial interests                                   | None   |

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None

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ICMJE DISCLOSURE FORM

Date: _______________2022/4/28__________________________________________________________________

Your Name: ________________ Senyi Deng ______________________________________________________

Manuscript Title: __ Identification of GPX4 as a therapeutic target for lung adenocarcinoma after EGFR-TKI resistance

Manuscript number (if known): TLCR-22-318

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

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

None

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