ICMJE DISCLOSURE FORM

Date: __2021/6/15__________________________________________________________
Your Name: __Fei Gao____________________________________________________
Manuscript Title:__ Liraglutide inhibits the progression of prediabetes in rats by reducing Raf-1 kinase inhibitor protein
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) |
|---|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 1 | All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) | __√__None |
|  | **No time limit for this item.** |  |

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

|   | 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) |
|---|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 2 | Grants or contracts from any entity (if not indicated in item #1 above). | __√__None |
| 3 | Royalties or licenses | __√__None |
| 4 | Consulting fees | __√__None |

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

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

Dr. Gao has nothing to disclose.

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 form.

X
ICMJE DISCLOSURE FORM

Date: __2021/6/15________________________

Your Name: __Dingying Wu__________________________

Manuscript Title: __Liraglutide inhibits the progression of prediabetes in rats by reducing Raf-1 kinase inhibitor protein__________________________

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.

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| Item | Description | Time frame: Since the initial planning of the work | Time frame: past 36 months |
|------|-------------|-----------------------------------------------|--------------------------|
| 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. | |
| 2    | Grants or contracts from any entity (if not indicated in item #1 above). | | |
| 3    | Royalties or licenses | | |
| 4    | Consulting fees | | |
|   | Question                                                                 | 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:

Dr. Wu has nothing to disclose.

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 form.

X
**ICMJE DISCLOSURE FORM**

Date: __2021/6/15__

Your Name: __Lingling Guo__

Manuscript Title: __Liraglutide inhibits the progression of prediabetes in rats by reducing Raf-1 kinase inhibitor protein__

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.

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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.) | _√_ 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).                      | _√_ None                                                                               |
| 3 | Royalties or licenses                                                                         | _√_ None                                                                               |
| 4 | Consulting fees                                                                              | _√_ None                                                                               |
|   | Question                                                                                     | Answer | Notes |
|---|----------------------------------------------------------------------------------------------|--------|-------|
| 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:

Dr. Guo has nothing to disclose.

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 form.

  X
ICMJE DISCLOSURE FORM

Date: __2021/6/15__

Your Name: __Lixue Wang__

Manuscript Title: __Liraglutide inhibits the progression of prediabetes in rats by reducing Raf-1 kinase inhibitor protein__

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.

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|------|-------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------------|
| 1    | All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) | __V__None | | |
| 2    | Grants or contracts from any entity (if not indicated in item #1 above). | __V__None | | |
| 3    | Royalties or licenses | __V__None | | |
| 4    | Consulting fees | __V__None | | |
Please summarize the above conflict of interest in the following box:

Dr. Wang has nothing to disclose.

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 form.

X
ICMJE DISCLOSURE FORM

Date: __2021/6/15__________________________

Your Name: __Min Hao_______________________________

Manuscript Title: __Liraglutide inhibits the progression of prediabetes in rats by reducing Raf-1 kinase inhibitor protein_______________________________

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.

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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. | __√__None                                                                         |
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| Time frame: past 36 months |                                                                                   |                                                                                  |
| 2 | Grants or contracts from any entity (if not indicated in item #1 above).                   | __√__None                                                                         |
|   |                                                                                           |                                                                                  |
|   |                                                                                           |                                                                                  |
|   |                                                                                           |                                                                                  |
| 3 | Royalties or licenses                                                                       | __√__None                                                                         |
| 4 | Consulting fees                                                                            | __√__None                                                                         |
|   |                                                                                           |                                                                                  |
|   |                                                                                           |                                                                                  |
Please summarize the above conflict of interest in the following box:

Dr. Hao has nothing to disclose.

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 form.

X
ICMJE DISCLOSURE FORM

Date: __2021/6/15______________________________________________________________
Your Name: __Ling Li________________________________________________________
Manuscript Title: __Liraglutide inhibits the progression of prediabetes in rats by reducing Raf-1 kinase inhibitor protein
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.

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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.** | __V.__None                                                                 |  |
| 2 | **Grants or contracts from any entity (if not indicated in item #1 above).**                   | __V.__None                                                                       |  |
| 3 | **Royalties or licenses**                                                                     | __V.__None                                                                       |  |
| 4 | **Consulting fees**                                                                           | __V.__None                                                                       |  |
|   | Description                                                                 | 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:

Dr. Li has nothing to disclose.

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 form.

X
**ICMJE DISCLOSURE FORM**

Date: __2021/6/15__

Your Name: __Dongmei Ni__

Manuscript Title: __Liraglutide inhibits the progression of prediabetes in rats by reducing Raf-1 kinase inhibitor protein__

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.

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|1  | **Time frame: Since the initial planning of the work**                                         |                                                                                  |
|   | All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) | ___√___None                                                                     |
|   | **No time limit for this item.**                                                                |                                                                                  |
|2  | **Time frame: past 36 months**                                                                  |                                                                                  |
|   | Grants or contracts from any entity (if not indicated in item #1 above).                      | ___√___None                                                                     |
|3  | Royalties or licenses                                                                           | ___√___None                                                                     |
|4  | Consulting fees                                                                                | ___√___None                                                                     |
|   | Description                                                                 | 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:

Dr. Ni has nothing to disclose.

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 form.

  X
ICMJE DISCLOSURE FORM

Date: __2021/6/15__________________________

Your Name: __Haojie Hao__________________________

Manuscript Title: __Liraglutide inhibits the progression of prediabetes in rats by reducing Raf-1 kinase inhibitor protein__________

Manuscript number (if known): ________________________________

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| 1 | All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) | __√__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).                       | __√__None                                                                        |
|   |                                                                                                 |                                                                                   |
| 3 | Royalties or licenses                                                                             | __√__None                                                                        |
|   |                                                                                                 |                                                                                   |
| 4 | Consulting fees                                                                                  | __√__None                                                                        |

**Time frame: past 36 months**

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

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

Dr. Hao is from Beijing Hengfeng Mingcheng Biotechnology Co., Ltd. This study had no fund or agents from this company.

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.