ICMJE DISCLOSURE FORM

**Date:** January 28, 2022

**Your Name:** Weiwei Chen

**Manuscript Title:** Nrf2/HO-1 protects against cerebral ischemia-reperfusion injury by suppressing programmed necrosis and inflammatory signaling pathways

**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.

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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.)<br>No time limit for this item. | The National Natural Science Foundation of China (81501138)<br>The Sixth Peak Talent Training Project of Jiangsu Province (YY-095)<br>the Xuzhou science and technology project (KC19027 and KC20108). |
| **2** | Grants or contracts from any entity (if not indicated in item #1 above). | None |
| **3** | Royalties or licenses | None |
| **4** | Consulting fees | 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:**

This study was supported by the National Natural Science Foundation of China (81501138), The Sixth Peak Talent Training Project of Jiangsu Province (YY-095), and the Xuzhou science and technology project (KC19027 and KC20108).

**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: January 28, 2022
Your Name: Xue Teng
Manuscript Title: Nrf2/HO-1 protects against cerebral ischemia-reperfusion injury by suppressing programmed necrosis and inflammatory signaling pathways
Manuscript number (if known):

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|   | **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                                                                              |
| 5 |                                                                                                 | None                                                                              |
|   |   |   |
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ICMJE DISCLOSURE FORM

Date: January 28, 2022

Your Name: Hongmei Ding

Manuscript Title: Nrf2/HO-1 protects against cerebral ischemia-reperfusion injury by suppressing programmed necrosis and inflammatory signaling pathways

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.**                                                               |                                                                          |
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| 3  | Royalties or licenses                                                                          | None                                                                     |
| 4  | Consulting fees                                                                                | None                                                                     |
| 5  |                                                                                                 | None                                                                     |
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ICMJE DISCLOSURE FORM

Date: January 28, 2022
Your Name: Zhiyuan Xie
Manuscript Title: Nrf2/HO-1 protects against cerebral ischemia-reperfusion injury by suppressing programmed necrosis and inflammatory signaling pathways
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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| 3 | Royalties or licenses                                                                       | ____None                                                                               |
| 4 | Consulting fees                                                                             | ____None                                                                               |
| 5 |                                                                                             | ____None                                                                               |

Time frame: Since the initial planning of the work

Time frame: past 36 months
|   |   |   |
|---|---|---|
| 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 |

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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: January 28, 2022

Your Name: Ping Cheng

Manuscript Title: Nrf2/HO-1 protects against cerebral ischemia-reperfusion injury by suppressing programmed necrosis and inflammatory signaling pathways

Manuscript number (if known):

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| **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** |
| **5** | | **None** |
### Conflict of Interest

|                     |                                        |
|---------------------|----------------------------------------|
| **Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events** |                                        |
| **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:

None

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**ICMJE DISCLOSURE FORM**

Date: January 28, 2022

Your Name: Zhihan Liu

Manuscript Title: Nrf2/HO-1 protects against cerebral ischemia-reperfusion injury by suppressing programmed necrosis and inflammatory signaling pathways

Manuscript number (if known):

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| 3 | Royalties or licenses                                                                 | **None** |
| 4 | Consulting fees                                                                      | **None** |
| 5 |                                                                                     | **None** |

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| 6 | Payment for expert testimony | None |
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ICMJE DISCLOSURE FORM

Date: January 28, 2022
Your Name: Tao Feng
Manuscript Title: Nrf2/HO-1 protects against cerebral ischemia-reperfusion injury by suppressing programmed necrosis and inflammatory signaling pathways
Manuscript number (if known):

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| **3** | Royalties or licenses | None |
| **4** | Consulting fees | None |
| **5** | | None |
|   | Description                                                                 | Response |
|---|------------------------------------------------------------------------------|----------|
| 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     |

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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: January 28, 2022
Your Name: Xia Zhang
Manuscript Title: Nrf2/HO-1 protects against cerebral ischemia-reperfusion injury by suppressing programmed necrosis and inflammatory signaling pathways
Manuscript number (if known): _______________________________________________________________________

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| 2 | Grants or contracts from any entity (if not indicated in item #1 above).                                                                                      | None                                                                                         |
| 3 | Royalties or licenses                                                                                                                                            | None                                                                                         |
| 4 | Consulting fees                                                                                                                                                  | None                                                                                         |
| 5 |                                                                                                                                                                | None                                                                                         |
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| 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     |
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ICMJE DISCLOSURE FORM

Date: January 28, 2022
Your Name: Wenjuan Huang
Manuscript Title: Nrf2/HO-1 protects against cerebral ischemia-reperfusion injury by suppressing programmed necrosis and inflammatory signaling pathways
Manuscript number (if known): 

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| 5 | | ___None |
|   |   |   |
|---|---|---|
| **Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events** |   |   |
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| **Support for attending meetings and/or travel** | None |   |
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ICMJE DISCLOSURE FORM

Date: January 28, 2022
Your Name: Deqin Geng

Manuscript Title: Nrf2/HO-1 protects against cerebral ischemia-reperfusion injury by suppressing programmed necrosis and inflammatory signaling pathways
Manuscript number (if known): ____________________________________________________________

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