

## ICMJE DISCLOSURE FORM

Date: Feb. 29<sup>th</sup>, 2024

Your Name: Ning Lou

Manuscript Title: Development and Validation of a Deep Learning – Based Model to Predict response and survival of T790M mutant NSCLC Patients in Early Clinical Phase Trials Using Electronic Medical Record and Pharmacokinetic Data

Manuscript number (if known): TLCR-23-737-CL

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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		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)
<b>Time frame: Since the initial planning of the work</b>			
1	All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) <b>No time limit for this item.</b>	<u>  X  </u> None	
<b>Time frame: past 36 months</b>			
2	Grants or contracts from any entity (if not indicated in item #1 above).	<u>  X  </u> None	
3	Royalties or licenses	<u>  X  </u> None	
4	Consulting fees	<u>  X  </u> None	

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

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: Feb. 29<sup>th</sup>, 2024

Your Name: Xinge Cui

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## ICMJE DISCLOSURE FORM

Date: Feb. 29<sup>th</sup>, 2024

Your Name: Xinyuan Lin

Manuscript Title: Development and Validation of a Deep Learning – Based Model to Predict response and survival of T790M mutant NSCLC Patients in Early Clinical Phase Trials Using Electronic Medical Record and Pharmacokinetic Data

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12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	<input checked="" type="checkbox"/> None	
13	Other financial or non-financial interests	<input type="checkbox"/> None	current employee of Huawei Technologies Co., Ltd

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

XYL is a current employee of Huawei Technologies Co., Ltd.

**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.**

## ICMJE DISCLOSURE FORM

Date: Feb. 29<sup>th</sup>, 2024

Your Name: Ruyun Gao

Manuscript Title: Development and Validation of a Deep Learning – Based Model to Predict response and survival of T790M mutant NSCLC Patients in Early Clinical Phase Trials Using Electronic Medical Record and Pharmacokinetic Data

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## ICMJE DISCLOSURE FORM

Date: Feb. 29<sup>th</sup>, 2024

Your Name: Chi Xu

Manuscript Title: Development and Validation of a Deep Learning – Based Model to Predict response and survival of T790M mutant NSCLC Patients in Early Clinical Phase Trials Using Electronic Medical Record and Pharmacokinetic Data

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12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	<input checked="" type="checkbox"/> None	
13	Other financial or non-financial interests	<input type="checkbox"/> None	a former employee of Huawei Technologies Co., Ltd.

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CX is a former employee of Huawei Technologies Co., Ltd.

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

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## ICMJE DISCLOSURE FORM

Date: Feb. 29<sup>th</sup>, 2024

Your Name: Nan Qiao

Manuscript Title: Development and Validation of a Deep Learning – Based Model to Predict response and survival of T790M mutant NSCLC Patients in Early Clinical Phase Trials Using Electronic Medical Record and Pharmacokinetic Data

Manuscript number (if known): TLCR-23-737-CL

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## ICMJE DISCLOSURE FORM

Date: Feb. 29<sup>th</sup>, 2024

Your Name: Ji Jiang

Manuscript Title: Development and Validation of a Deep Learning – Based Model to Predict response and survival of T790M mutant NSCLC Patients in Early Clinical Phase Trials Using Electronic Medical Record and Pharmacokinetic Data

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## ICMJE DISCLOSURE FORM

Date: Feb. 29<sup>th</sup>, 2024

Your Name: Lu Wang

Manuscript Title: Development and Validation of a Deep Learning – Based Model to Predict response and survival of T790M mutant NSCLC Patients in Early Clinical Phase Trials Using Electronic Medical Record and Pharmacokinetic Data

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## ICMJE DISCLOSURE FORM

Date: Feb. 29<sup>th</sup>, 2024

Your Name: Weicong Wang

Manuscript Title: Development and Validation of a Deep Learning – Based Model to Predict response and survival of T790M mutant NSCLC Patients in Early Clinical Phase Trials Using Electronic Medical Record and Pharmacokinetic Data

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## ICMJE DISCLOSURE FORM

Date: Feb. 29<sup>th</sup>, 2024

Your Name: Shanbo Wang

Manuscript Title: Development and Validation of a Deep Learning – Based Model to Predict response and survival of T790M mutant NSCLC Patients in Early Clinical Phase Trials Using Electronic Medical Record and Pharmacokinetic Data

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13	Other financial or non-financial interests	<input type="checkbox"/> None	a current employee of Hangzhou ACEA Pharmaceutical Research Co., Ltd

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

SBW is a current employee of Hangzhou ACEA Pharmaceutical Research Co., Ltd

**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.

## ICMJE DISCLOSURE FORM

Date: Feb. 29<sup>th</sup>, 2024

Your Name: Wei Shen

Manuscript Title: Development and Validation of a Deep Learning – Based Model to Predict response and survival of T790M mutant NSCLC Patients in Early Clinical Phase Trials Using Electronic Medical Record and Pharmacokinetic Data

Manuscript number (if known): TLCR-23-737-CL

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)
<b>Time frame: Since the initial planning of the work</b>			
1	All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) <b>No time limit for this item.</b>	<u>  X  </u> None	
<b>Time frame: past 36 months</b>			
2	Grants or contracts from any entity (if not indicated in item #1 above).	<u>  X  </u> None	
3	Royalties or licenses	<u>  X  </u> None	
4	Consulting fees	<u>  X  </u> None	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	<input checked="" type="checkbox"/> None	
6	Payment for expert testimony	<input checked="" type="checkbox"/> None	
7	Support for attending meetings and/or travel	<input type="checkbox"/> <input checked="" type="checkbox"/> None	
8	Patents planned, issued or pending	<input checked="" type="checkbox"/> None	
9	Participation on a Data Safety Monitoring Board or Advisory Board	<input checked="" type="checkbox"/> None	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	<input checked="" type="checkbox"/> None	
11	Stock or stock options	<input checked="" type="checkbox"/> None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	<input type="checkbox"/> <input checked="" type="checkbox"/> None	
13	Other financial or non-financial interests	<input type="checkbox"/> None	a current employee of Hangzhou ACEA Pharmaceutical Research Co., Ltd

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

WS is a current employee of Hangzhou ACEA Pharmaceutical Research Co., Ltd.

**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.**

## ICMJE DISCLOSURE FORM

Date: Feb. 29<sup>th</sup>, 2024

Your Name: Xin Zheng

Manuscript Title: Development and Validation of a Deep Learning – Based Model to Predict response and survival of T790M mutant NSCLC Patients in Early Clinical Phase Trials Using Electronic Medical Record and Pharmacokinetic Data

Manuscript number (if known): TLCR-23-737-CL

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<b>Time frame: past 36 months</b>			
2	Grants or contracts from any entity (if not indicated in item #1 above).	<u>__X__</u> None	
3	Royalties or licenses	<u>__X__</u> None	
4	Consulting fees	<u>__X__</u> None	

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13	Other financial or non-financial interests	<input checked="" type="checkbox"/> None	

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None.

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## ICMJE DISCLOSURE FORM

Date: Feb. 29<sup>th</sup>, 2024

Your Name: Xiaohong Han

Manuscript Title: Development and Validation of a Deep Learning – Based Model to Predict response and survival of T790M mutant NSCLC Patients in Early Clinical Phase Trials Using Electronic Medical Record and Pharmacokinetic Data

Manuscript number (if known): TLCR-23-737-CL

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