

## ICMJE DISCLOSURE FORM

Date: 2021.3.1

Your Name: Zhuo Li

Manuscript Title: Drug discovery in rheumatoid arthritis with joint effusion identified by text mining and biomedical databases

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)
<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>	None	
<b>Time frame: past 36 months</b>			
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	<u>    </u> None	
6	Payment for expert testimony	<u>    </u> None	
7	Support for attending meetings and/or travel	<u>    </u> None	
8	Patents planned, issued or pending	<u>    </u> None	
9	Participation on a Data Safety Monitoring Board or Advisory Board	<u>    </u> None	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	<u>    </u> None	
11	Stock or stock options	<u>    </u> None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	<u>    </u> None	
13	Other financial or non-financial interests	<u>    </u> 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: 2021.3.1

Your Name: Jun Fu

Manuscript Title: Drug discovery in rheumatoid arthritis with joint effusion identified by text mining and biomedical databases

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

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	<u>    </u> None	
6	Payment for expert testimony	<u>    </u> None	
7	Support for attending meetings and/or travel	<u>    </u> None	
8	Patents planned, issued or pending	<u>    </u> None	
9	Participation on a Data Safety Monitoring Board or Advisory Board	<u>    </u> None	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	<u>    </u> None	
11	Stock or stock options	<u>    </u> None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	<u>    </u> None	
13	Other financial or non-financial interests	<u>    </u> 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: 2021.3.1

Your Name: Yalei Cao

Manuscript Title: Drug discovery in rheumatoid arthritis with joint effusion identified by text mining and biomedical databases

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)
<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>	None	
<b>Time frame: past 36 months</b>			
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	<u>    </u> None	
6	Payment for expert testimony	<u>    </u> None	
7	Support for attending meetings and/or travel	<u>    </u> None	
8	Patents planned, issued or pending	<u>    </u> None	
9	Participation on a Data Safety Monitoring Board or Advisory Board	<u>    </u> None	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	<u>    </u> None	
11	Stock or stock options	<u>    </u> None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	<u>    </u> None	
13	Other financial or non-financial interests	<u>    </u> 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: 2021.3.1

Your Name: Chi Xu

Manuscript Title: Drug discovery in rheumatoid arthritis with joint effusion identified by text mining and biomedical databases

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)
<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>	None	
<b>Time frame: past 36 months</b>			
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	<u>    </u> None	
6	Payment for expert testimony	<u>    </u> None	
7	Support for attending meetings and/or travel	<u>    </u> None	
8	Patents planned, issued or pending	<u>    </u> None	
9	Participation on a Data Safety Monitoring Board or Advisory Board	<u>    </u> None	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	<u>    </u> None	
11	Stock or stock options	<u>    </u> None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	<u>    </u> None	
13	Other financial or non-financial interests	<u>    </u> 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: 2021.3.1

Your Name: Xinli Han

Manuscript Title: Drug discovery in rheumatoid arthritis with joint effusion identified by text mining and biomedical databases

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)
<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>	None	
<b>Time frame: past 36 months</b>			
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	<u>      </u> None	
6	Payment for expert testimony	<u>      </u> None	
7	Support for attending meetings and/or travel	<u>      </u> None	
8	Patents planned, issued or pending	<u>      </u> None	
9	Participation on a Data Safety Monitoring Board or Advisory Board	<u>      </u> None	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	<u>      </u> None	
11	Stock or stock options	<u>      </u> None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	<u>      </u> None	
13	Other financial or non-financial interests	<u>      </u> 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: 2021.3.1

Your Name: Wupeng Zhang

Manuscript Title: Drug discovery in rheumatoid arthritis with joint effusion identified by text mining and biomedical databases

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)
<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>	None	
<b>Time frame: past 36 months</b>			
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	<u>    </u> None	
6	Payment for expert testimony	<u>    </u> None	
7	Support for attending meetings and/or travel	<u>    </u> None	
8	Patents planned, issued or pending	<u>    </u> None	
9	Participation on a Data Safety Monitoring Board or Advisory Board	<u>    </u> None	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	<u>    </u> None	
11	Stock or stock options	<u>    </u> None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	<u>    </u> None	
13	Other financial or non-financial interests	<u>    </u> 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: 2021.3.1

Your Name: Zelong Song

Manuscript Title: Drug discovery in rheumatoid arthritis with joint effusion identified by text mining and biomedical databases

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)
<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>	None	
<b>Time frame: past 36 months</b>			
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	<u>    </u> None	
6	Payment for expert testimony	<u>    </u> None	
7	Support for attending meetings and/or travel	<u>    </u> None	
8	Patents planned, issued or pending	<u>    </u> None	
9	Participation on a Data Safety Monitoring Board or Advisory Board	<u>    </u> None	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	<u>    </u> None	
11	Stock or stock options	<u>    </u> None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	<u>    </u> None	
13	Other financial or non-financial interests	<u>    </u> 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: 2021.3.1

Your Name: Jiyong Chen

Manuscript Title: Drug discovery in rheumatoid arthritis with joint effusion identified by text mining and biomedical databases

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)
<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>	The People's Republic of China ministry of science and technology	This work was supported by National Key Research and Development Program of China (No. 2020YFC2004900)
<b>Time frame: past 36 months</b>			
2	Grants or contracts from any entity (if not indicated in item #1 above).	____ None	
3	Royalties or licenses	____ None	

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