Date: <u>November 10, 2022</u> Your Name: <u>Xi Luo</u> Manuscript Title: <u>Identification of biomarkers associated with macrophage infiltration in non-obstructive azoospermia</u> <u>using single-cell transcriptomic and microarray data</u> 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 <u>current</u> <u>manuscript only</u>.

The author's relationships/activities/interests should be <u>defined broadly</u>. 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.

		Name all entities with whom you have this relationship or indicate none (add rows as needed) Time frame: Since the initial	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.) <b>No time limit for this item.</b>	<u>×</u> 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	<u>×</u> None	
4	Consulting fees	<u>×</u> None	
5	Payment or honoraria for lectures, presentations, speakers bureaus,	× None	

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

Xi Luo has nothing to disclose.

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

Date: <u>November 10, 2022</u> Your Name: <u>Haishan Zheng</u> Manuscript Title: <u>Identification of biomarkers associated with macrophage infiltration in non-obstructive azoospermia</u> <u>using single-cell transcriptomic and microarray data</u> 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 <u>current</u> <u>manuscript only</u>.

The author's relationships/activities/interests should be <u>defined broadly</u>. 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.

		Name all entities with whom you have this relationship or indicate none (add rows as needed) Time frame: Since the initial	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.)	<u>×</u> None	
	No time limit for this item.		
		Time frame: past	36 months
2	Grants or contracts from	$\underline{\times}$ None	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	$\underline{\times}$ None	
4	Consulting fees	$\underline{\times}$ None	
5	Payment or honoraria for	$\underline{\times}$ None	
	lectures, presentations,		
	speakers bureaus,		

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

Haishan Zheng has nothing to disclose.

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

Date: <u>November 10, 2022</u> Your Name: <u>Zhen Er</u> Manuscript Title: <u>Identification of biomarkers associated with macrophage infiltration in non-obstructive azoospermia</u> <u>using single-cell transcriptomic and microarray data</u> 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 <u>current</u> <u>manuscript only</u>.

The author's relationships/activities/interests should be <u>defined broadly</u>. 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.

		Name all entities with whom you have this relationship or indicate none (add rows as needed) Time frame: Since the initial	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.) <b>No time limit for this item.</b>		
		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	<u>×</u> None	
4	Consulting fees	<u>×</u> None	
5	Payment or honoraria for lectures, presentations, speakers bureaus,	<u>×</u> None	

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

Zhen Er has nothing to disclose.

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

Date: <u>November 10, 2022</u> Your Name: <u>Mingying Li</u> Manuscript Title: <u>Identification of biomarkers associated with macrophage infiltration in non-obstructive azoospermia</u> <u>using single-cell transcriptomic and microarray data</u> 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 <u>current</u> <u>manuscript only</u>.

The author's relationships/activities/interests should be <u>defined broadly</u>. 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.

		Name all entities with whom you have this relationship or indicate none (add rows as needed) Time frame: Since the initial	Specifications/Comments (e.g., if payments were made to you or to your institution)
1	All support for the present	$\underline{\times}$ None	
	manuscript (e.g., funding,		
	provision of study materials,		
	medical writing, article		
	processing charges, etc.)		
	No time limit for this item.		
		Time frame: past	36 months
2	Grants or contracts from	$\underline{\times}$ None	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	<u>×</u> None	
4	Consulting fees	<u>×</u> None	
5	Payment or honoraria for	$\underline{\times}$ None	
	lectures, presentations,		
	speakers bureaus,		

	manuscript writing or	
	educational events	
6	Payment for expert	× None
	testimony	
	,	
7	Support for attending	× None
'	meetings and/or travel	
	meetings and/or traver	
8	Patents planned, issued or	× None
	pending	
9	Participation on a Data	×None
	Safety Monitoring Board or	
	Advisory Board	
10	Leadership or fiduciary role	× None
10	in other board, society,	
	committee or advocacy	
	group, paid or unpaid	
11	Stock or stock options	× None
	Stock of Stock options	
12	Passint of aquinment	X Nere
12	Receipt of equipment,	X None
	materials, drugs, medical	
	writing, gifts or other	
13	services Other financial or non-	V Nere
13		X None
	financial interests	

Mingying Li has nothing to disclose.

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

Date: <u>November 10, 2022</u> Your Name: <u>Yonggang Li</u> Manuscript Title: <u>Identification of biomarkers associated with macrophage infiltration in non-obstructive azoospermia</u> <u>using single-cell transcriptomic and microarray data</u> 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 <u>current</u> <u>manuscript only</u>.

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		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	<u>×</u> None	
4	Consulting fees	<u>×</u> None	
5	Payment or honoraria for lectures, presentations, speakers bureaus,	<u>×</u> None	

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

Yonggang Li has nothing to disclose.

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

Date: <u>November 10, 2022</u> Your Name: <u>Na Lin</u> Manuscript Title: <u>Identification of biomarkers associated with macrophage infiltration in non-obstructive azoospermia</u> <u>using single-cell transcriptomic and microarray data</u> 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 <u>current</u> <u>manuscript only</u>.

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		Name all entities with whom you have this relationship or indicate none (add rows as needed) Time frame: Since the initial	Specifications/Comments (e.g., if payments were made to you or to your institution)
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		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	<u>×</u> None	
4	Consulting fees	<u>×</u> None	
5	Payment or honoraria for lectures, presentations, speakers bureaus,	<u>×</u> None	

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

Na Lin has nothing to disclose.

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

Date: <u>November 10, 2022</u> Your Name: <u>Yunxiu Li</u> Manuscript Title: <u>Identification of biomarkers associated with macrophage infiltration in non-obstructive azoospermia</u> <u>using single-cell transcriptomic and microarray data</u> 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: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	X None	
3	Royalties or licenses	<u>×</u> None	
4	Consulting fees	<u>×</u> None	
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	
/	Support for attending	<u>×</u> None
	meetings and/or travel	
8	Patents planned, issued or	×None
-	pending	
	P 0.10118	
9	Participation on a Data	
9	Participation on a Data	<u>×</u> None
	Safety Monitoring Board or	
	Advisory Board	
10	Leadership or fiduciary role	<u>×</u> None
	in other board, society, committee or advocacy	
	group, paid or unpaid	
11	Stock or stock options	× None
12	Receipt of equipment,	×None
	materials, drugs, medical	
	writing, gifts or other	
	services	
13	Other financial or non-	× None
10	financial interests	
	interests	

Yunxiu Li has nothing to disclose.

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

Date: <u>November 10, 2022</u> Your Name: <u>Ze Wu</u> Manuscript Title: <u>Identification of biomarkers associated with macrophage infiltration in non-obstructive azoospermia</u> <u>using single-cell transcriptomic and microarray data</u> 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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	provision of study materials, medical writing, article		
	processing charges, etc.) No time limit for this item.		
		Time frame: past	36 months
2	Grants or contracts from	$\underline{\times}$ None	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	$\underline{\times}$ None	
4	Consulting fees	$\underline{\times}$ None	
5	Payment or honoraria for	$\underline{\times}$ None	
	lectures, presentations,		
	speakers bureaus,		

	manuscript writing or	
	educational events	
6	Payment for expert testimony	×None
7	Course and fair address divers	
7	Support for attending	× None
	meetings and/or travel	
8	<ul> <li>Patents planned, issued or pending</li> </ul>	×None
Ũ		
	perioding	
9	Participation on a Data	
9	Participation on a Data Safety Monitoring Board or	X None
	Advisory Board	
10	Leadership or fiduciary role	<u>×</u> None
	in other board, society, committee or advocacy	
	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-	×None
	financial interests	

Ze Wu has nothing to disclose.

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