Date: <u>Apr. 27th, 2022</u>		
Your Name: Qun Liu		
Manuscript Title:	Mesenchymal stem cells alleviate aging in vitro and in vivo	
Manuscript number (if known):	ATM-22-1206	

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)	Specifications/Comments (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial	
1	All support for the present	XNone	
	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	_X _None	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	_ XNone	
4	Consulting fees	_ XNone	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	XNone
7	Support for attending meetings and/or travel	_XNone
8	Patents planned, issued or pending	XNone
9	Participation on a Data Safety Monitoring Board or Advisory Board	XNone
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	XNone
11	Stock or stock options	XNone
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	XNone
13	Other financial or non- financial interests	XNone

None.

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

Date: <u>Apr. 27th, 2022</u>		
Your Name: Shaole Song		
Manuscript Title:	Mesenchymal stem cells alleviate aging in vitro and in vivo	
Manuscript number (if known):	ATM-22-1206	

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)	Specifications/Comments (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial	
1	All support for the present	_XNone	
	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	_ XNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	_ XNone	
4	Consulting fees	_ XNone	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	XNone
7	Support for attending meetings and/or travel	_XNone
8	Patents planned, issued or pending	XNone
9	Participation on a Data Safety Monitoring Board or Advisory Board	XNone
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	XNone
11	Stock or stock options	XNone
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	XNone
13	Other financial or non- financial interests	XNone

None.

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

Date: <u>Apr. 27th, 2022</u>		
Your Name: Lei Song		
Manuscript Title:	Mesenchymal stem cells alleviate aging in vitro and in vivo	
Manuscript number (if known):	ATM-22-1206	

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.) No time limit for this item.	_ XNone	
		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	_ XNone	
3	Royalties or licenses	_ XNone	
4	Consulting fees	_ XNone	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	XNone
7	Support for attending meetings and/or travel	_XNone
8	Patents planned, issued or pending	XNone
9	Participation on a Data Safety Monitoring Board or Advisory Board	XNone
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	XNone
11	Stock or stock options	XNone
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	XNone
13	Other financial or non- financial interests	XNone

None.

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

Date: <u>Apr. 27th, 2022</u>		
Your Name: Youkun Bi		
Manuscript Title:	Mesenchymal stem cells alleviate aging in vitro and in vivo	
Manuscript number (if known):	ATM-22-1206	

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)	Specifications/Comments (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial	
1	All support for the present	_XNone	
	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	_ XNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	_ XNone	
4	Consulting fees	_ XNone	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	XNone
7	Support for attending meetings and/or travel	_XNone
8	Patents planned, issued or pending	XNone
9	Participation on a Data Safety Monitoring Board or Advisory Board	XNone
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	XNone
11	Stock or stock options	XNone
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	XNone
13	Other financial or non- financial interests	XNone

None.

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

Date: <u>Apr. 27th, 2022</u>		
Your Name: Kegi Zhu		
Manuscript Title:	Mesenchymal stem cells alleviate aging in vitro and in vivo	
Manuscript number (if known):	ATM-22-1206	

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)	Specifications/Comments (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial	
1	All support for the present	_XNone	
	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	_ XNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	_ XNone	
4	Consulting fees	_ XNone	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	XNone
7	Support for attending meetings and/or travel	_XNone
8	Patents planned, issued or pending	XNone
9	Participation on a Data Safety Monitoring Board or Advisory Board	XNone
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	XNone
11	Stock or stock options	XNone
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	XNone
13	Other financial or non- financial interests	XNone

None.

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

Date: <u>Apr. 27th, 2022</u>		
Your Name: Xinlong Qiao		
Manuscript Title:	Mesenchymal stem cells alleviate aging in vitro and in vivo	
Manuscript number (if known):	ATM-22-1206	

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)	Specifications/Comments (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial	
1	All support for the present	_XNone	
	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	_ XNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	_ XNone	
4	Consulting fees	_ XNone	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	XNone
7	Support for attending meetings and/or travel	_XNone
8	Patents planned, issued or pending	XNone
9	Participation on a Data Safety Monitoring Board or Advisory Board	XNone
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	XNone
11	Stock or stock options	XNone
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	XNone
13	Other financial or non- financial interests	XNone

None.

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

Date: <u>Apr. 27th, 2022</u>		
Your Name: Huiwen Wang		
Manuscript Title:	Mesenchymal stem cells alleviate aging in vitro and in vivo	
Manuscript number (if known):	ATM-22-1206	

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)	Specifications/Comments (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial	
1	All support for the present	_XNone	
	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	_ XNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	_ XNone	
4	Consulting fees	_ XNone	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	XNone
7	Support for attending meetings and/or travel	_XNone
8	Patents planned, issued or pending	XNone
9	Participation on a Data Safety Monitoring Board or Advisory Board	XNone
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	XNone
11	Stock or stock options	XNone
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	XNone
13	Other financial or non- financial interests	XNone

None.

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

Date: <u>Apr. 27th, 2022</u>		
Your Name: Chao Gao		
Manuscript Title:	Mesenchymal stem cells alleviate aging in vitro and in vivo	
Manuscript number (if known):	ATM-22-1206	

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)	Specifications/Comments (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial	
1	All support for the present	_XNone	
	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	_ XNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	_ XNone	
4	Consulting fees	_ XNone	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	XNone
7	Support for attending meetings and/or travel	_XNone
8	Patents planned, issued or pending	XNone
9	Participation on a Data Safety Monitoring Board or Advisory Board	XNone
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	XNone
11	Stock or stock options	XNone
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	XNone
13	Other financial or non- financial interests	XNone

None.

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

Date: <u>Apr. 27th, 2022</u>		
Your Name: Hong Cai		
Manuscript Title:	Mesenchymal stem cells alleviate aging in vitro and in vivo	
Manuscript number (if known):	ATM-22-1206	

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)	Specifications/Comments (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial	
1	All support for the present	_XNone	
	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	_ XNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	_XNone	
4	Consulting fees	_ XNone	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	XNone
7	Support for attending meetings and/or travel	_XNone
8	Patents planned, issued or pending	XNone
9	Participation on a Data Safety Monitoring Board or Advisory Board	XNone
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	XNone
11	Stock or stock options	XNone
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	XNone
13	Other financial or non- financial interests	XNone

None.

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

Date: <u>Apr. 27th, 2022</u>		
Your Name: <u>Guangju Ji</u>		
Manuscript Title:	Mesenchymal stem cells alleviate aging in vitro and in vivo	
Manuscript number (if known):	ATM-22-1206	

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)	Specifications/Comments (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial	
1	All support for the present	_XNone	
	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	_ XNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	_ XNone	
4	Consulting fees	_ XNone	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	XNone
7	Support for attending meetings and/or travel	_XNone
8	Patents planned, issued or pending	XNone
9	Participation on a Data Safety Monitoring Board or Advisory Board	XNone
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	XNone
11	Stock or stock options	XNone
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	XNone
13	Other financial or non- financial interests	XNone

None.

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