Date: 31/01/2023 Your Name: Qing Li

Manuscript Title: State-of-art technologies to detect the DNA damage and repair in sperm and future outlook

Manuscript number (if known): TAU-22-870

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 manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) No time limit for this item.	the National Science fund of China	This study was funded by the National Science fund of China (No.82171715).
		Time frame: past	36 months
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	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		
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		

I confirm that there are no conflicts of interest.	

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

Date: 31/01/2023 Your Name: Juncen Guo

Manuscript Title: State-of-art technologies to detect the DNA damage and repair in sperm and future outlook

Manuscript number (if known): TAU-22-870

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3	Grants or contracts from any entity (if not indicated in item #1 above). Royalties or licenses	None None None	36 months
4	Consulting fees	None	

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	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
	educational events		
6	Payment for expert	None	
	testimony		
7	Support for attending	None	
	meetings and/or travel		
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		

I confirm that there are no conflicts of interest.	

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

Date: 31/01/2023 Your Name: Sixian Wu

Manuscript Title: State-of-art technologies to detect the DNA damage and repair in sperm and future outlook

Manuscript number (if known): TAU-22-870

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

5	Payment or honoraria for	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		
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		

I confirm that there are no conflicts of interest.	

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

Date: 30/01/2023 Your Name: Lijun Shang

Manuscript Title: State-of-art technologies to detect the DNA damage and repair in sperm and future outlook

Manuscript number (if known): TAU-22-870

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4	Consulting fees	None	

5	Payment or honoraria for	None	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
6	educational events Payment for expert	None	
0	testimony	None	
	testimony		
7	Support for attending	None	
-	meetings and/or travel		
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,	None	
	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	
13	Other financial or non- financial interests	None	
	maneral interests		

I confirm that there is no any conflict of interest	

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

Date: 31/01/2023

Your Name: Wenming Xu

Manuscript Title: State-of-art technologies to detect the DNA damage and repair in sperm and future outlook

Manuscript number (if known): TAU-22-870

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6	Payment for expert	None	
	testimony		
7	Support for attending meetings and/or travel	None	
8	Patents planned, issued or	None	
	pending		
9	Participation on a Data	None	
	Safety Monitoring Board or		
	Advisory Board		
10	Leadership or fiduciary role in other board, society,	None	
	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- financial interests	None	

I confirm that there are no conflicts of interest.				

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