Date: March 15th, 2024 Your Name: Mingyu Liu

Manuscript Title: Hypoxia predicts favorable response to carbon ion radiotherapy in NSCLC Defined by <sup>18</sup>F-FMISO

**PET/CT Imaging** 

Manuscript number (if known): QIMS-23-1685

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/Comm ents (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial planning of the work	
1	All support for the present manuscript (e.g., funding,	Pudong New area science and technology development foundation (No. PKJ 2018-Y49)	None
	provision of study materials, medical writing, article	Pudong New area science and technology development foundation (No. PKJ 2020-Y56)	None
	processing charges, etc.)  No time limit for this item.	Pudong New area science and technology development foundation (No. PKJ 2023-Y44)	None
		Natural Science Foundation of Shanghai (No. 21ZR460300)	None
		Natural Science Foundation of Shanghai (No. 20ZR1453300)	None
		Shanghai Municipal Health Commission (No. 202040279)	None
		Shanghai Municipal Health Commission (No. 201940334)	None
		Shanghai Sailing Program (grant number 21YF1444300)	None
		Time frame: past 36 months	
2	Grants or contracts from any entity (if not indicated in item #1 above).	None     Non	
3	Royalties or licenses	⊠ None	

4	Consulting fees	■ None	
5	Payment or honoraria for	■ None	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
	educational events	[57] A.	
6	Payment for expert	⊠ None	
	testimony		
7	Consent for other disc	⊠ None	
/	Support for attending meetings and/or travel	⊠ None	
	J ,		
8	Patents planned, issued or	⊠ None	
	pending		
9	Participation on a Data		
	Safety Monitoring Board or		
	Advisory Board		
10	Leadership or fiduciary role	■ None     ■	
	in other board, society,		
	committee or advocacy		
11	group, paid or unpaid	. Name	
11	Stock or stock options	⊠ None	
12	Receipt of equipment,	⊠ None	
12	materials, drugs, medical	NOTE	
	writing, gifts or other		
	services		
13	Other financial or non-	⊠ None	
	financial interests		

This work was supported by Pudong New area science and technology development foundation (grant numbers PKJ 2018-Y49, PKJ 2020-Y56, PKJ 2023-Y44); Natural Science Foundation of Shanghai (grant numbers 21ZR460300, 20ZR1453300); Shanghai Municipal Health Commission (grant numbers 202040279, 201940334); Shanghai Sailing Program (grant number 21YF1444300).

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

Date: March 15th, 2024 Your Name: Ningyi Ma

Manuscript Title: Hypoxia predicts favorable response to carbon ion radiotherapy in NSCLC Defined by <sup>18</sup>F-FMISO

PET/CT Imaging

Manuscript number (if known): QIMS-23-1685

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/Comm ents (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial planning of the work	
1	All support for the present manuscript (e.g., funding,	Pudong New area science and technology development foundation (No. PKJ 2018-Y49)	None
	provision of study materials, medical writing, article	Pudong New area science and technology development foundation (No. PKJ 2020-Y56)	None
	processing charges, etc.)  No time limit for this item.	Pudong New area science and technology development foundation (No. PKJ 2023-Y44)	None
		Natural Science Foundation of Shanghai (No. 21ZR460300)	None
		Natural Science Foundation of Shanghai (No. 20ZR1453300)	None
		Shanghai Municipal Health Commission (No. 202040279)	None
		Shanghai Municipal Health Commission (No. 201940334)	None
		Shanghai Sailing Program (grant number 21YF1444300)	None
		Time frame: past 36 months	
2	Grants or contracts from any entity (if not indicated in item #1 above).	None     Non	
3	Royalties or licenses	⊠ None	

4	Consulting fees	■ None	
5	Payment or honoraria for	■ None	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
	educational events	[57] A.	
6	Payment for expert	⊠ None	
	testimony		
7	Consent for other disc	⊠ None	
/	Support for attending meetings and/or travel	⊠ None	
	J ,		
8	Patents planned, issued or	⊠ None	
	pending		
9	Participation on a Data		
	Safety Monitoring Board or		
	Advisory Board		
10	Leadership or fiduciary role	■ None     ■	
	in other board, society,		
	committee or advocacy		
11	group, paid or unpaid	. Name	
11	Stock or stock options	⊠ None	
12	Receipt of equipment,	⊠ None	
12	materials, drugs, medical	NOTE	
	writing, gifts or other		
	services		
13	Other financial or non-	⊠ None	
	financial interests		

This work was supported by Pudong New area science and technology development foundation (grant numbers PKJ 2018-Y49, PKJ 2020-Y56, PKJ 2023-Y44); Natural Science Foundation of Shanghai (grant numbers 21ZR460300, 20ZR1453300); Shanghai Municipal Health Commission (grant numbers 202040279, 201940334); Shanghai Sailing Program (grant number 21YF1444300).

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

Date: March 15th, 2024 Your Name: Caiyue Ren

Manuscript Title: Hypoxia predicts favorable response to carbon ion radiotherapy in NSCLC Defined by <sup>18</sup>F-FMISO

PET/CT Imaging

Manuscript number (if known): QIMS-23-1685

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/Comm ents (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial planning of the work	
1	All support for the present manuscript (e.g., funding,	Pudong New area science and technology development foundation (No. PKJ 2018-Y49)	None
	provision of study materials, medical writing, article	Pudong New area science and technology development foundation (No. PKJ 2020-Y56)	None
	processing charges, etc.)  No time limit for this item.	Pudong New area science and technology development foundation (No. PKJ 2023-Y44)	None
		Natural Science Foundation of Shanghai (No. 21ZR460300)	None
		Natural Science Foundation of Shanghai (No. 20ZR1453300)	None
		Shanghai Municipal Health Commission (No. 202040279)	None
		Shanghai Municipal Health Commission (No. 201940334)	None
		Shanghai Sailing Program (grant number 21YF1444300)	None
		Time frame: past 36 months	
2	Grants or contracts from		
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	None     Non	

4	Consulting fees	■ None	
5	Payment or honoraria for	■ None	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
	educational events	[57] A.	
6	Payment for expert	⊠ None	
	testimony		
7	Consent for other disc	⊠ None	
/	Support for attending meetings and/or travel	⊠ None	
	J ,		
8	Patents planned, issued or	⊠ None	
	pending		
9	Participation on a Data		
	Safety Monitoring Board or		
	Advisory Board		
10	Leadership or fiduciary role	■ None     ■	
	in other board, society,		
	committee or advocacy		
11	group, paid or unpaid	. Name	
11	Stock or stock options	⊠ None	
12	Receipt of equipment,	⊠ None	
12	materials, drugs, medical	NOTE	
	writing, gifts or other		
	services		
13	Other financial or non-	⊠ None	
	financial interests		

This work was supported by Pudong New area science and technology development foundation (grant numbers PKJ 2018-Y49, PKJ 2020-Y56, PKJ 2023-Y44); Natural Science Foundation of Shanghai (grant numbers 21ZR460300, 20ZR1453300); Shanghai Municipal Health Commission (grant numbers 202040279, 201940334); Shanghai Sailing Program (grant number 21YF1444300).

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

Date: March 15th, 2024 Your Name: Shaoli Song

Manuscript Title: Hypoxia predicts favorable response to carbon ion radiotherapy in NSCLC Defined by <sup>18</sup>F-FMISO

PET/CT Imaging

Manuscript number (if known): QIMS-23-1685

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/Comm ents (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial planning of the work	
1	All support for the present manuscript (e.g., funding,	Pudong New area science and technology development foundation (No. PKJ 2018-Y49)	None
	provision of study materials, medical writing, article	Pudong New area science and technology development foundation (No. PKJ 2020-Y56)	None
	processing charges, etc.)  No time limit for this item.	Pudong New area science and technology development foundation (No. PKJ 2023-Y44)	None
		Natural Science Foundation of Shanghai (No. 21ZR460300)	None
		Natural Science Foundation of Shanghai (No. 20ZR1453300)	None
		Shanghai Municipal Health Commission (No. 202040279)	None
		Shanghai Municipal Health Commission (No. 201940334)	None
		Shanghai Sailing Program (grant number 21YF1444300)	None
		Time frame: past 36 months	
2	Grants or contracts from		
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	None     Non	

4	Consulting fees	■ None	
5	Payment or honoraria for		
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
_	educational events		
6	Payment for expert	None     Non	
	testimony		
7	Support for attending meetings and/or travel	⊠ None	
	G ,		
8	Patents planned, issued or		
	pending		
	. 5		
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		

This work was supported by Pudong New area science and technology development foundation (grant numbers PKJ 2018-Y49, PKJ 2020-Y56, PKJ 2023-Y44); Natural Science Foundation of Shanghai (grant numbers 21ZR460300, 20ZR1453300); Shanghai Municipal Health Commission (grant numbers 202040279, 201940334); Shanghai Sailing Program (grant number 21YF1444300).

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

Date: March 15th, 2024 Your Name: Kailiang Wu

Manuscript Title: Hypoxia predicts favorable response to carbon ion radiotherapy in NSCLC Defined by <sup>18</sup>F-FMISO

PET/CT Imaging

Manuscript number (if known): QIMS-23-1685

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> manuscript only.

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/Comm ents (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial planning of the work	
1	All support for the present manuscript (e.g., funding,	Pudong New area science and technology development foundation (No. PKJ 2018-Y49)	None
	provision of study materials, medical writing, article	Pudong New area science and technology development foundation (No. PKJ 2020-Y56)	None
	processing charges, etc.)  No time limit for this item.	Pudong New area science and technology development foundation (No. PKJ 2023-Y44)	None
		Natural Science Foundation of Shanghai (No. 21ZR460300)	None
		Natural Science Foundation of Shanghai (No. 20ZR1453300)	None
		Shanghai Municipal Health Commission (No. 202040279)	None
		Shanghai Municipal Health Commission (No. 201940334)	None
		Shanghai Sailing Program (grant number 21YF1444300)	None
		Time frame: past 36 months	
2	Grants or contracts from	⊠ None	
	any entity (if not indicated in item #1 above).		
3	Royalties or licenses	None     Non	

4	Consulting fees	■ None	
5	Payment or honoraria for		
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
_	educational events		
6	Payment for expert	None     Non	
	testimony		
7	Support for attending meetings and/or travel	⊠ None	
	G ,		
8	Patents planned, issued or		
	pending		
	. 5		
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		

This work was supported by Pudong New area science and technology development foundation (grant numbers PKJ 2018-Y49, PKJ 2020-Y56, PKJ 2023-Y44); Natural Science Foundation of Shanghai (grant numbers 21ZR460300, 20ZR1453300); Shanghai Municipal Health Commission (grant numbers 202040279, 201940334); Shanghai Sailing Program (grant number 21YF1444300).

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

Date: March 15th, 2024 Your Name: Yun Sun

Manuscript Title: Hypoxia predicts favorable response to carbon ion radiotherapy in NSCLC Defined by <sup>18</sup>F-FMISO

PET/CT Imaging

Manuscript number (if known): QIMS-23-1685

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/Comm ents (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial planning of the work	
1	All support for the present manuscript (e.g., funding,	Pudong New area science and technology development foundation (No. PKJ 2018-Y49)	None
	provision of study materials, medical writing, article	Pudong New area science and technology development foundation (No. PKJ 2020-Y56)	None
	processing charges, etc.)  No time limit for this item.	Pudong New area science and technology development foundation (No. PKJ 2023-Y44)	None
		Natural Science Foundation of Shanghai (No. 21ZR460300)	None
		Natural Science Foundation of Shanghai (No. 20ZR1453300)	None
		Shanghai Municipal Health Commission (No. 202040279)	None
		Shanghai Municipal Health Commission (No. 201940334)	None
		Shanghai Sailing Program (grant number 21YF1444300)	None
		Time frame: past 36 months	
2	Grants or contracts from	⊠ None	
	any entity (if not indicated in item #1 above).		
3	Royalties or licenses	None     Non	

4	Consulting fees	■ None	
5	Payment or honoraria for		
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
_	educational events		
6	Payment for expert	None     Non	
	testimony		
7	Support for attending meetings and/or travel	⊠ None	
	G ,		
8	Patents planned, issued or		
	pending		
	. 5		
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		

This work was supported by Pudong New area science and technology development foundation (grant numbers PKJ 2018-Y49, PKJ 2020-Y56, PKJ 2023-Y44); Natural Science Foundation of Shanghai (grant numbers 21ZR460300, 20ZR1453300); Shanghai Municipal Health Commission (grant numbers 202040279, 201940334); Shanghai Sailing Program (grant number 21YF1444300).

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

Date: March 15th, 2024 Your Name: Jingfang Mao

Manuscript Title: Hypoxia predicts favorable response to carbon ion radiotherapy in NSCLC Defined by <sup>18</sup>F-FMISO

**PET/CT Imaging** 

Manuscript number (if known): QIMS-23-1685

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/Comm ents (e.g., if payments were made to you or to your institution)		
	Time frame: Since the initial planning of the work				
1	All support for the present manuscript (e.g., funding,	Pudong New area science and technology development foundation (No. PKJ 2018-Y49)	None		
	provision of study materials, medical writing, article	Pudong New area science and technology development foundation (No. PKJ 2020-Y56)	None		
	processing charges, etc.)  No time limit for this item.	Pudong New area science and technology development foundation (No. PKJ 2023-Y44)	None		
		Natural Science Foundation of Shanghai (No. 21ZR460300)	None		
		Natural Science Foundation of Shanghai (No. 20ZR1453300)	None		
		Shanghai Municipal Health Commission (No. 202040279)	None		
		Shanghai Municipal Health Commission (No. 201940334)	None		
		Shanghai Sailing Program (grant number 21YF1444300)	None		
		Time frame: past 36 months			
2	Grants or contracts from				
	any entity (if not indicated				
	in item #1 above).				
3	Royalties or licenses				

4	Consulting fees	■ None	
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	⊠ None	
		_	
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		
	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     Non	
	materials, drugs, medical writing, gifts or other services		
13	Other financial or non- financial interests	⊠ None	

This work was supported by Pudong New area science and technology development foundation (grant numbers PKJ 2018-Y49, PKJ 2020-Y56, PKJ 2023-Y44); Natural Science Foundation of Shanghai (grant numbers 21ZR460300, 20ZR1453300); Shanghai Municipal Health Commission (grant numbers 202040279, 201940334); Shanghai Sailing Program (grant number 21YF1444300).

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

Date: March 15th, 2024 Your Name: Jingyi Cheng

Manuscript Title: Hypoxia predicts favorable response to carbon ion radiotherapy in NSCLC Defined by <sup>18</sup>F-FMISO

PET/CT Imaging

Manuscript number (if known): QIMS-23-1685

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> manuscript only.

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/Comm ents (e.g., if payments were made to you or to your institution)		
	Time frame: Since the initial planning of the work				
1	All support for the present manuscript (e.g., funding,	Pudong New area science and technology development foundation (No. PKJ 2018-Y49)	None		
	provision of study materials, medical writing, article	Pudong New area science and technology development foundation (No. PKJ 2020-Y56)	None		
	processing charges, etc.)  No time limit for this item.	Pudong New area science and technology development foundation (No. PKJ 2023-Y44)	None		
		Natural Science Foundation of Shanghai (No. 21ZR460300)	None		
		Natural Science Foundation of Shanghai (No. 20ZR1453300)	None		
		Shanghai Municipal Health Commission (No. 202040279)	None		
		Shanghai Municipal Health Commission (No. 201940334)	None		
		Shanghai Sailing Program (grant number 21YF1444300)	None		
		Time frame: past 36 months			
2	Grants or contracts from	■ None			
	any entity (if not indicated				
	in item #1 above).				
3	Royalties or licenses	None     Non			

4	Consulting fees	■ None	
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	⊠ None	
		_	
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		
	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     Non	
	materials, drugs, medical writing, gifts or other services		
13	Other financial or non- financial interests	⊠ None	

This work was supported by Pudong New area science and technology development foundation (grant numbers PKJ 2018-Y49, PKJ 2020-Y56, PKJ 2023-Y44); Natural Science Foundation of Shanghai (grant numbers 21ZR460300, 20ZR1453300); Shanghai Municipal Health Commission (grant numbers 202040279, 201940334); Shanghai Sailing Program (grant number 21YF1444300).

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