Date: <u>2022.10.17</u>
Your Name: Jing Zheng
Manuscript Title: Cathepsin S inhibitor reduces high-fat-induced adipogenesis, inflammatory infiltration, and hepat
lipid accumulation in obese mice
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 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	planning of the work
1	All support for the present	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	None	
	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		
Ü	pending			
	penamg			
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			
_	Please summarize the above conflict of interest in the following box:			

I declare that I have no competing interests.		

Date: 2022.10.17
Your Name: Huijun Zhuang
Manuscript Title: Cathepsin S inhibitor reduces high-fat-induced adipogenesis, inflammatory infiltration, and hepati
lipid accumulation in obese mice
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 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	planning of the work
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.	None	
		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	
Ü	pending		
	berram 8		
9	Participation on a Data	None	
J	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		
Plea	se summarize the above co	nflict of interest in the	e following box:

I declare that I have no competing interests.		

Date: 2022.10.17
Your Name: Tian Zhang
Manuscript Title: Cathepsin S inhibitor reduces high-fat-induced adipogenesis, inflammatory infiltration, and hepatic
lipid accumulation in obese mice
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 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) planning of the work
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.	None	
		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			
12	services Other financial or non-	None		
13	financial interests	None		
	ilianciai iliterests			
Please summarize the above conflict of interest in the following box:				
riea	riease summarize the above connict of interest in the following box:			

I declare that I have no competing interests.		

Date: 2022.10.17	
Your Name: Yanni Wang	
Manuscript Title: Cathepsin S inhibitor reduces high-fat-induced adipogenesis, inflammatory infiltration, and hepa	ıtic
lipid accumulation in obese mice	
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 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)
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.	None None	planning of the work
		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		
ŭ	testimony			
	testimon,			
7	Support for attending	None		
,	meetings and/or travel	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			
11	group, paid or unpaid	Nama		
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			
-				
Please summarize the above conflict of interest in the following box:				
I declare that I have no competing interests.				
'	The state of the s			

I declare that I have no competing interests.	

and hepatic

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 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	planning of the work
1	All support for the present	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	None	
	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		
	<u> </u>		
0	Patents planned, issued or	None	
8	pending	None	
	pending		
0	Posticionation on a Data	Nana	
9	Participation on a Data	None	
	Safety Monitoring Board or Advisory Board		
40		A.I	
10	Leadership or fiduciary role	None	
	in other board, society, committee or advocacy		
	•		
11	group, paid or unpaid	Nene	
11	Stock or stock options	None	
12	Passint of aguinment	None	
12	Receipt of equipment, materials, drugs, medical	None	
	writing, gifts or other		
	services		
13	Other financial or non-	None	
13	financial interests	NOTIC	
	manda meess		
Dlas	se summarize the above co	nflict of interest in the f	allowing hove
ried	se sammanze the above to	muct of miterest in the n	MOWING NOV.

I declare that I have no competing interests.	

and hepation

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 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.	None	pranning of the work
		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 meetings and/or travel	None	
	5 ,		
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	
13	financial interests	NOTIC	
	dilainitei ests		
Plea	ise summarize the above co	nflict of interest in the	following box:

I declare that I have no competing interests.	

Date: 2022.10.17	
Your Name: Na Han	
Manuscript Title: Cathepsin S inhibitor reduces high-fat-induced adipogenesis, inflammatory infiltration, and hepat	tic
lipid accumulation in obese mice	
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 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 planning of the work			
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.	None		
		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	Daymont or hanguaris fare	Nove	
5	Payment or honoraria for	None	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
	educational events	NI	
)	Payment for expert	None	
	testimony		
	2		
	Support for attending	None	
	meetings and/or travel		
	Patents planned, issued or	None	
	pending		
)	Participation on a Data	None	
	Safety Monitoring Board or		
	Advisory Board		
.0	Leadership or fiduciary role	None	
	in other board, society,		
	committee or advocacy		
	group, paid or unpaid		
1	Stock or stock options	None	
	•		
2	Receipt of equipment,	None	
	materials, drugs, medical		
	writing, gifts or other		
	services		
.3	Other financial or non-	None	
	financial interests		
lea	se summarize the above cor	nflict of interest in the f	ollowing box:
L	declare that I have no compet	ing interests	
·			
Щ.			
lea	se place an "X" next to the f	ollowing statement to	indicate your agreement:
,	V	noused overs	stion and have not altered the wording of any o

questions on this form.

Date: 2022.10.17	
Your Name: Juan Duan	
Manuscript Title: Cathepsin S inhibitor reduces high-fat-induced adipogenesis, inflammatory infiltration, and hepa	tic
lipid accumulation in obese mice	
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 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	planning of the work
1	All support for the present	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	None	
	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			
	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			
Plea	Please summarize the above conflict of interest in the following box:			

I declare that I have no competing interests.	