Date: _	Dec. 19 th , 2021		
Your N	lame: Congco	ong Shi	
Manus	cript Title:	Increased acylcarnitine ra	tio indices in newborn screening for carnitine-acylcarnitine
translo	case deficiency sh	nows increased sensitivity a	nd reduced false-positivity
Manus	cript number (if k	nown): TP-22-468	

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.	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	X_None	
4	Consulting fees	XNone	

-		1	
5	Payment or honoraria for	XNone	
	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
	educational events		
6	Payment for expert	XNone	
	testimony		
7	Support for attending	XNone	
	meetings and/or travel		
8	Patents planned, issued or	X None	
	pending		
	, - · · · ·		
9	Participation on a Data	XNone	
	Safety Monitoring Board or		
	Advisory Board		
10	Leadership or fiduciary role	XNone	
	in other board, society,		
	committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	X None	
	•		
12	Receipt of equipment,	X_None	
	materials, drugs, medical		
	writing, gifts or other		
	services		
13	Other financial or non-	X None	
	financial interests		

None.			

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

Date:	Dec. 19 th , 2021	
Your Nar	ne: Zhenzh	1 Ao
Manuscr	ipt Title:	ncreased acylcarnitine ratio indices in newborn screening for carnitine-acylcarnitine
transloca	se deficiency sh	ws increased sensitivity and reduced false-positivity
Manuscr	ipt number (if kr	wn): TP-22-468

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3	Royalties or licenses	XNone	
4	Consulting fees	XNone	

	1	
Payment or honoraria for	XNone	
lectures, presentations,		
speakers bureaus,		
manuscript writing or		
educational events		
Payment for expert	XNone	
testimony		
Support for attending	X None	
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Patents planned, issued or	XNone	
pending		
Participation on a Data	XNone	
Safety Monitoring Board or		
Advisory Board		
Leadership or fiduciary role	XNone	
in other board, society,		
committee or advocacy		
group, paid or unpaid		
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occon or occon op none		
Possint of aguinment	V None	
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Other financial or non-	XNone	
financial interests		
	lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony Support for attending meetings and/or travel Patents planned, issued or pending Participation on a Data Safety Monitoring Board or Advisory Board Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid Stock or stock options Receipt of equipment, materials, drugs, medical writing, gifts or other services Other financial or non-	lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony Support for attending meetings and/or travel Patents planned, issued or pending Participation on a Data Safety Monitoring Board or Advisory Board Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid Stock or stock options Receipt of equipment, materials, drugs, medical writing, gifts or other services Other financial or nonX_None

None.			

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

Date: _	Dec. 1	^{:h} , 2021
Your N	lame:	Bingqing Liu
Manus	script Title	Increased acylcarnitine ratio indices in newborn screening for carnitine-acylcarnitine
translo	ocase defi	ency shows increased sensitivity and reduced false-positivity
Manus	script nun	per (if known): TP-22-468

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3	Royalties or licenses	XNone	
4	Consulting fees	XNone	

	1	
Payment or honoraria for	XNone	
lectures, presentations,		
speakers bureaus,		
manuscript writing or		
educational events		
Payment for expert	XNone	
testimony		
Support for attending	X None	
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Patents planned, issued or	XNone	
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Participation on a Data	XNone	
Safety Monitoring Board or		
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Leadership or fiduciary role	XNone	
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Other financial or non-	XNone	
financial interests		
	lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony Support for attending meetings and/or travel Patents planned, issued or pending Participation on a Data Safety Monitoring Board or Advisory Board Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid Stock or stock options Receipt of equipment, materials, drugs, medical writing, gifts or other services Other financial or non-	lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony Support for attending meetings and/or travel Patents planned, issued or pending Participation on a Data Safety Monitoring Board or Advisory Board Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid Stock or stock options Receipt of equipment, materials, drugs, medical writing, gifts or other services Other financial or nonX_None

None.			

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

Date:	Dec. 19 th , 2021	
Your Nam	ne: Xin Xiad	
Manuscri	pt Title:	ncreased acylcarnitine ratio indices in newborn screening for carnitine-acylcarnitine
transloca	se deficiency sho	vs increased sensitivity and reduced false-positivity
Manuscri	pt number (if kn	wn): TP-22-468

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4	Consulting fees	XNone	

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Payment or honoraria for	XNone	
lectures, presentations,		
speakers bureaus,		
manuscript writing or		
educational events		
Payment for expert	XNone	
testimony		
Support for attending	X None	
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Patents planned, issued or	XNone	
pending		
Participation on a Data	XNone	
Safety Monitoring Board or		
Advisory Board		
Leadership or fiduciary role	XNone	
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Other financial or non-	XNone	
financial interests		
	lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony Support for attending meetings and/or travel Patents planned, issued or pending Participation on a Data Safety Monitoring Board or Advisory Board Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid Stock or stock options Receipt of equipment, materials, drugs, medical writing, gifts or other services Other financial or non-	lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony Support for attending meetings and/or travel Patents planned, issued or pending Participation on a Data Safety Monitoring Board or Advisory Board Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid Stock or stock options Receipt of equipment, materials, drugs, medical writing, gifts or other services Other financial or nonX_None

None.			

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

Date: <u>Dec. 19th, 2021</u>		
Your Name: Xia Gu		
Manuscript Title:	Increased acylcarnitine ratio indices in newborn screening for carni	tine-acylcarnitine
translocase deficiency sho	nows increased sensitivity and reduced false-positivity	
Manuscript number (if kr	nown): TP-22-468	

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3	Royalties or licenses	XNone	
4	Consulting fees	XNone	

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Payment or honoraria for	XNone	
lectures, presentations,		
speakers bureaus,		
manuscript writing or		
educational events		
Payment for expert	XNone	
testimony		
Support for attending	X None	
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Patents planned, issued or	XNone	
pending		
Participation on a Data	XNone	
Safety Monitoring Board or		
Advisory Board		
Leadership or fiduciary role	XNone	
in other board, society,		
committee or advocacy		
group, paid or unpaid		
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Other financial or non-	XNone	
financial interests		
	lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony Support for attending meetings and/or travel Patents planned, issued or pending Participation on a Data Safety Monitoring Board or Advisory Board Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid Stock or stock options Receipt of equipment, materials, drugs, medical writing, gifts or other services Other financial or non-	lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony Support for attending meetings and/or travel Patents planned, issued or pending Participation on a Data Safety Monitoring Board or Advisory Board Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid Stock or stock options Receipt of equipment, materials, drugs, medical writing, gifts or other services Other financial or nonX_None

None.			

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

Date: <u>Dec. 19th,</u>	2021					_
Your Name: Q	iuping Yang					_
Manuscript Title:	Increased acylcarn	nitine ratio indi	ices in newborn	screening for	carnitine-acylca	rnitine
translocase deficien	ncy shows increased sens	sitivity and red	uced false-posi	tivity		
Manuscript number	(if known): TP	P-22-468				_

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2	Grants or contracts from any entity (if not indicated in item #1 above).	XNone	
3	Royalties or licenses	XNone	
4	Consulting fees	XNone	

	1	
Payment or honoraria for	XNone	
lectures, presentations,		
speakers bureaus,		
manuscript writing or		
educational events		
Payment for expert	XNone	
testimony		
Support for attending	X None	
.		
Patents planned, issued or	XNone	
pending		
Participation on a Data	XNone	
Safety Monitoring Board or		
Advisory Board		
Leadership or fiduciary role	XNone	
in other board, society,		
committee or advocacy		
group, paid or unpaid		
	X None	
occon or occon op none		
Possint of aguinment	V None	
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Other financial or non-	XNone	
financial interests		
	lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony Support for attending meetings and/or travel Patents planned, issued or pending Participation on a Data Safety Monitoring Board or Advisory Board Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid Stock or stock options Receipt of equipment, materials, drugs, medical writing, gifts or other services Other financial or non-	lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony Support for attending meetings and/or travel Patents planned, issued or pending Participation on a Data Safety Monitoring Board or Advisory Board Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid Stock or stock options Receipt of equipment, materials, drugs, medical writing, gifts or other services Other financial or nonX_None

None.			

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

Date: <u>Dec. 19th, 2</u>	21
Your Name: <u>Hu</u>	ao
Manuscript Title:	Increased acylcarnitine ratio indices in newborn screening for carnitine-acylcarnitine
translocase deficienc	shows increased sensitivity and reduced false-positivity
Manuscript number	known): TP-22-468

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		Time trame. Since the mittal	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.	Special project for the transformation of scientific and technological achievements of Sun Yatsen University	No. 88000-18843233
		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	X None	
4	Consulting rees	xNone	
5	Payment or honoraria for	X None	
J	lectures, presentations,	XNone	
	speakers bureaus,		
	manuscript writing or		
	educational events		
6	Payment for expert	XNone	
	testimony		
7	Support for attending meetings and/or travel	XNone	
8	Patents planned, issued or	XNone	
	pending		
9	Participation on a Data	XNone	
	Safety Monitoring Board or		
	Advisory Board		
10	Leadership or fiduciary role	XNone	
	in other board, society,		
	committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	XNone	
12	Receipt of equipment,	X_None	
	materials, drugs, medical		
	writing, gifts or other services		
12		V None	
13	Other financial or non-	XNone	
	financial interests		

Dr. Hao reports funding from the special project for the transformation of scientific and technological achievements of Sun Yat-sen University (No. 88000-18843233).

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

X_ I certify that I have answered every question and have not altered the wording form.	of any of the questions on this

Date:	Dec. 19 th , 2021				
Your Name	e: <u>Yao Ca</u>	i			
Manuscrip	t Title:	Increase	ed acylcarnitine ratio ind	dices in newborn screening for ca	arnitine-acylcarnitin
translocas	e deficiency sł	nows incre	eased sensitivity and red	duced false-positivity	
Manuscrip	t number (if k	nown):	TP-22-468		

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		Time frame: past	36 months
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3	Royalties or licenses	XNone	
4	Consulting fees	XNone	

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

None.			

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

Date:	Dec. 19 th , 20	21				i
Your Nan	ne: Sita	o Li				
Manuscri	ipt Title:	Increased	acylcarnitine ratio i	ndices in newborn screenin	ig for carnitine-acylcarr	nitin
<u>transloca</u>	se deficiency	shows increa	sed sensitivity and	educed false-positivity		
Manuscri	ipt number (i	f known):	TP-22-468			

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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)
		Tille Italile. Silice the lilitial	plaining of the work
1	All support for the present manuscript (e.g., funding, provision of study materials,	Guangdong Province Science and Technology Plan Project	No. 2020A1414010111
	medical writing, article processing charges, etc.) No time limit for this item.	Science and Technology Foundation of Guangzhou	No. 202103000071
	No time limit for this item.		
		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	XNone	

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

Dr. Li reports funding from the Guangdong Province Science and Technology Plan Project (No. 2020A1414010111); the Science and Technology Foundation of Guangzhou, China (No. 202103000071).

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