Date	:17	August	
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Your Name: Jun Qing Liang

Manuscript Title: Bioinformatics analysis of the key genes in osteosarcoma metastasis and immune invasion

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.

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

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

I do not have any interest confl	ict.		

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

Date	:17 Aug	ust	
our	Name:	Jun	Chen

Manuscript Title: Bioinformatics analysis of the key genes in osteosarcoma metastasis and immune invasion

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	Stock of Stock options	None	None
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Please place an "X" next to the following statement to indicate your agreement:

Date:17	August
Date.I/	August

Your Name: Shuliang Hua

Manuscript Title: Bioinformatics analysis of the key genes in osteosarcoma metastasis and immune invasion

Manuscript number (if known):______

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	manuscript writing or		
	educational events		
6	Payment for expert	None	None
	testimony		
7	Support for attending meetings and/or travel	None	None
8	Patents planned, issued or	None	None
	pending		
9	Participation on a Data	None	None
9	Safety Monitoring Board or	None	Notice
	Advisory Board		
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Date	:17	August	
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Your Name: Zhuangguang Qin

Manuscript Title: Bioinformatics analysis of the key genes in osteosarcoma metastasis and immune invasion

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

Date:17 Aug	ust
Your Name:	Jili Lu

Manuscript Title: Bioinformatics analysis of the key genes in osteosarcoma metastasis and immune invasion

Manuscript number (if known):

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	testimony		
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	pending		
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9	Safety Monitoring Board or	None	Notice
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Date	:17	August	
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Your Name: Chang Gong Lan

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4	Consulting fees	None	None

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or	None	None
	educational events		
6	Payment for expert	None	None
	testimony		
7	Comment for all and the second	NI	News
/	Support for attending meetings and/or travel	None	None
8	Patents planned, issued or	None	None
	pending		
0	Dantisiantian and Data	Nama	Nana
9	Participation on a Data Safety Monitoring Board or	None	None
	Advisory Board		
10	Leadership or fiduciary role	None	None
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