Date:May.24 <sup>th</sup> ,2022
Your Name:_Zhuli Peng
Manuscript Title: MiR-20a: a mechanosensitive microRNA that regulates fluid shear stress-mediated osteogenic
differentiation via the BMP2 signaling pathway by targeting BAMBI and SMAD6
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>.

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		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	XNone	
	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	XNone	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	X _None	
4	Consulting fees	XNone	

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 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,	XNone	
	materials, drugs, medical		
	writing, gifts or other		
42	services	V Name	
13	Other financial or non-	XNone	
	financial interests		

None.			

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

Date:May.24 <sup>th</sup> ,2022
Your Name:_Zhihui Mai
Manuscript Title: MiR-20a: a mechanosensitive microRNA that regulates fluid shear stress-mediated osteogenic
differentiation via the BMP2 signaling pathway by targeting BAMBI and SMAD6
Manuscript number (if known):

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		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	

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 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,	XNone	
	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:May.24 <sup>th</sup> ,2022
Your Name:_Feng Xiao
Manuscript Title: MiR-20a: a mechanosensitive microRNA that regulates fluid shear stress-mediated osteogenic
differentiation via the BMP2 signaling pathway by targeting BAMBI and SMAD6
Manuscript number (if known):

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	any entity (if not indicated		
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3	Royalties or licenses	X _None	
4	Consulting fees	XNone	

5	Payment or honoraria for	XNone	
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	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,	XNone	
	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:May.24 <sup>th</sup> ,2022
Your Name:_Guanqi Liu
Manuscript Title: MiR-20a: a mechanosensitive microRNA that regulates fluid shear stress-mediated osteogenic
differentiation via the BMP2 signaling pathway by targeting BAMBI and SMAD6
Manuscript number (if known):

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3	Royalties or licenses	X _None	
4	Consulting fees	XNone	

5	Payment or honoraria for	XNone	
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	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,	XNone	
	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:May.24 <sup>th</sup> ,2022
Your Name:_Yixuan wang
Manuscript Title: MiR-20a: a mechanosensitive microRNA that regulates fluid shear stress-mediated osteogenic
differentiation via the BMP2 signaling pathway by targeting BAMBI and SMAD6
Manuscript number (if known):

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3	Royalties or licenses	X _None	
4	Consulting fees	XNone	

5	Payment or honoraria for	X None	
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	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	X None	
12	Receipt of equipment,	XNone	
	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:May.24 <sup>th</sup> ,2022
Your Name:_Shanshan Xie
Manuscript Title: MiR-20a: a mechanosensitive microRNA that regulates fluid shear stress-mediated osteogenic
differentiation via the BMP2 signaling pathway by targeting BAMBI and SMAD6
Manuscript number (if known):

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	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,		
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11	Stock or stock options	XNone	
12	Receipt of equipment,	XNone	
	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:May.24 <sup>th</sup> ,2022
Your Name:_Hong Ai
Manuscript Title: MiR-20a: a mechanosensitive microRNA that regulates fluid shear stress-mediated osteogenic
differentiation via the BMP2 signaling pathway by targeting BAMBI and SMAD6
Manuscript number (if known):

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Time frame: past 36 months								
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	any entity (if not indicated							
	in item #1 above).							
3	Royalties or licenses	X _None						
4	Consulting fees	XNone						

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 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	Descipt of annique out	V. None	
12	Receipt of equipment, materials, drugs, medical	XNone	
	writing, gifts or other		
	services		
13	Other financial or non-	XNone	
	financial interests		

None.			

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