Date:	Octobe	r 5 th , 2021
Your Nan	ne:	Jakob Wolynski
Manuscri	ipt Title:	Direct Electromagnetic Coupling to Determine Diagnostic Bone Fracture Stiffness
Manuscri	ipt num	ber (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.	NIH - NIAMS	R01AR069734-01 - "Early Detection and Prediction of Complex Bone Fracture Healing"
		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	NIH COEDIT	1R21AR077323 AI POC 268597
3	Royalties or licenses	XNone	
4	Consulting fees	XNone	
5		XNone	

6	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	XNone	
7	Support for attending meetings and/or travel	NIH - NIAMS	R01AR069734-01 - "Early Detection and Prediction of Complex Bone Fracture Healing"
8	Patents planned, issued or pending	US20210131785A1	Pending
9	Participation on a Data Safety Monitoring Board or Advisory Board	XNone	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	XNone	
11	Stock or stock options	XNone	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	X_None	
13	Other financial or non- financial interests	XNone	

Funding to the author's institution from the National Institutes of Health (NIH) funded the present study and relevant travel for this. Additional funding from the NIH and Colorado Office of Economic Development and International Trade (COEDIT) supported related research, but did not directly support the work presented in this manuscript. The author is an inventor of patents related to the technology developed in this study.

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

Date:	Octobe	r 5 th , 2021
Your Nam	ne:	Milan Ilić
Manuscri	pt Title:	Direct Electromagnetic Coupling to Determine Diagnostic Bone Fracture Stiffness
Manuscri	pt numb	per (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</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/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	XNone	
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			
_	6			
7	Support for attending	XNone		
	meetings and/or travel			
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-	X None		
	financial interests			
Ple	Please summarize the above conflict of interest in the following box:			
	The author has no conflict of interest to report.			

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

Date	e: <u>October 5th, 2021</u>		
You	r Name: <u>Kevin Labus</u>		
Mar	uscript Title: <u>Direct Electro</u> i	magnetic Coupling to Dete	rmine Diagnostic Bone Fracture Stiffness
Mar	uscript number (if known):		
relate part to tr	ted to the content of your n ies whose interests may be	nanuscript. "Related" mean affected by the content of ecessarily indicate a bias.	relationships/activities/interests listed below that are ns any relation with for-profit or not-for-profit third the manuscript. Disclosure represents a commitment If you are in doubt about whether to list a so.
	following questions apply to uscript only.	o the author's relationship	s/activities/interests as they relate to the <u>current</u>
to the	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. In item #1 below, report all support for the work reported in this manuscript without time limit. For all other items,		
the	time frame for disclosure is	the past 36 months.	
		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 initia	planning of the work
1	All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.)	NIH - NIAMS	R01AR069734-01 - "Early Detection and Prediction of Complex Bone Fracture Healing"
	No time limit for this item.		

Time frame: past 36 months

1R21AR077323

AI POC 268597

Grants or contracts from

in item #1 above).
Royalties or licenses

Consulting fees

4

5

any entity (if not indicated

NIH

COEDIT

X__None

__X__None

X_None

6	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	XNone	
7	Support for attending meetings and/or travel	XNone	
8	Patents planned, issued or	US20210131785A1	Pending
	pending	US20210033507A1	Pending
		US10674954B2	Issued
		US20190162606A1	Issued
9	Participation on a Data	XNone	
	Safety Monitoring Board or		
	Advisory Board		
10	Leadership or fiduciary role	X_None	
	in other board, society,		
	committee or advocacy group, paid or unpaid		
11	Stock or stock options	X None	
11	Stock of stock options	XNOTIE	
12	Receipt of equipment,	X None	
	materials, drugs, medical		
	writing, gifts or other services		
13	Other financial or non-	X None	
	financial interests		

Funding to the author's institution from the National Institutes of Health (NIH) funded the present study. Additional funding from the NIH and Colorado Office of Economic Development and International Trade (COEDIT) supported related research, but did not directly support the work presented in this manuscript. The author is an inventor of patents related to the technology developed in this study.

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

Date: Octobe	r 5 th , 2021
Your Name:	Branislav Notaroš
Manuscript Title:	Direct Electromagnetic Coupling to Determine Diagnostic Bone Fracture Stiffness
Manuscript num	ber (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</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) 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.	XNone	
		Time frame: past	36 months
2	Grants or contracts from	NIH	1R21AR077323
	any entity (if not indicated in item #1 above).	COEDIT	AI POC 268597
3	Royalties or licenses	XNone	
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,	X_None	
	materials, drugs, medical		
	writing, gifts or other services		
13	Other financial or non-	XNone	
	financial interests		

Funding to the author's institution from the National Institutes of Health (NIH) and Colorado Office of Economic Development and International Trade (COEDIT) supported related research, but did not directly support the work presented in this manuscript.

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

Date: Octobe	r 5 th , 2021
Your Name:	Christian Puttlitz
Manuscript Title:	Direct Electromagnetic Coupling to Determine Diagnostic Bone Fracture Stiffness
Manuscript num	ber (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.	NIH - NIAMS	R01AR069734-01 - "Early Detection and Prediction of Complex Bone Fracture Healing"
		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	NIH COEDIT	1R21AR077323 AI POC 268597
3	Royalties or licenses	XNone	
4	Consulting fees	XNone	
5		XNone	

6	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	XNone	
7	Support for attending meetings and/or travel	XNone	
8	Patents planned, issued or	US20210131785A1	Pending
	pending	US20210033507A1	Pending
		US10674954B2	Issued
		US20190162606A1	Issued
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	
11	Stock of Stock options		
12	Receipt of equipment, materials, drugs, medical	X_None	
	writing, gifts or other services		
13	Other financial or non- financial interests	X None	

Funding to the author's institution from the National Institutes of Health (NIH) funded the present study. Additional funding from the NIH and Colorado Office of Economic Development and International Trade (COEDIT) supported related research, but did not directly support the work presented in this manuscript. The author is an inventor of patents related to the technology developed in this study.

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

Date: Octobe	r 5 th , 2021
Your Name:	Kirk McGilvray
Manuscript Title:	<u>Direct Electromagnetic Coupling to Determine Diagnostic Bone Fracture Stiffness</u>
Manuscript numl	per (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.	NIH - NIAMS	R01AR069734-01 - "Early Detection and Prediction of Complex Bone Fracture Healing"
		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	NIH COEDIT	1R21AR077323 AI POC 268597
3	Royalties or licenses	XNone	
4	Consulting fees	XNone	
5		XNone	

6	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	XNone	
7	Support for attending meetings and/or travel	NIH - NIAMS	R01AR069734-01 - "Early Detection and Prediction of Complex Bone Fracture Healing"
8	Patents planned, issued or pending	US20210131785A1 US20190162606A1	Pending Issued
9	Participation on a Data Safety Monitoring Board or Advisory Board	X_None	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	XNone	
11	Stock or stock options	XNone	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	X_None	
13	Other financial or non- financial interests	X_None	

Funding to the author's institution from the National Institutes of Health (NIH) funded the present study and relevant travel for this author. Additional funding from the NIH and Colorado Office of Economic Development and International Trade (COEDIT) supported related research, but did not directly support the work presented in this manuscript. The author is an inventor of patents related to the technology developed in this study.

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