

Instructions

The purpose of this form is to provide readers of your manuscript with information about your other interests that could influence how they receive and understand your work. The form is designed to be completed electronically and stored electronically. It contains programming that allows appropriate data display. Each author should submit a separate form and is responsible for the accuracy and completeness of the submitted information. The form is in six parts.

Identifying information.

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Royalties: Funds are coming in to you or you

Royalties: Funds are coming in to you or your institution due to your patent

Hackney 1



Section 1.	Identifying Inform	ation						
1. Given Name (Fi David	rst Name)	2. Surname (La Hackney	ast Name)			3. Date 14-January	<i>y</i> -2021	
4. Are you the cor			Corresponding Author's Name Ron Alkalay					
5. Manuscript Title Large lytic defec number	e ts produce kinematic ir	nstability and lo	ss of comp	ressive stren	ngth in hu	man spines: an in	ı-vitro study,	
6. Manuscript Ider JBJS-D-19-00419	ntifying Number (if you kr R2	ow it)						
Section 2.	The Work Under Co	onsideration	for Public	ation				
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Are there any rel	evant conflicts of intere	est? Yes	√ No					
Section 4.	Intellectual Proper	ty Patents	& Copyrig	hts				
Do you have any	patents, whether plan	ned, pending o	r issued, br	oadly releva	nt to the	work? Yes	✓ No	

Hackney 2



Section 5. Relationships not severed above
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Section 6. Disclosure Statement
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Dr. Hackney reports grants from National Institute of Arthritis and Musculoskeletal and Skin Diseases AR055582, during the conduct of the study; .

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Hackney 3



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1. Given Name (Fii Ron	rst Name)	2. Surname (Last Na Alkalay	ime)		3. Date 22-January-2020	
4. Are you the cor	responding author?	✓ Yes No				
5. Manuscript Title Lytic lesions alte	e r the kinematic respons	se of human thoracc	olumbar spines			
6. Manuscript Ider JBJS-D-19-00419	ntifying Number (if you kn	ow it)				
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Name of Institut			Non-Financial Support?	Other? Co	omments	
National Institute of <i>A</i> Musculoskeletal and 2	Arthritis and Skin Diseases AR055582					
Harvard Catalyst UL1	TR002541	✓				
Section 3						
Section 3.	Relevant financial	activities outside	the submitted	work.		
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Davis 1



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4. Are you the cor	responding author?	Yes ✓	No	Correspond	ding Author's	's Name		
5. Manuscript Title Lytic lesions alte	e r the kinematic respons	e of human th	oracolumba	ar spines				
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any aspect of the s statistical analysis, Are there any rel If yes, please fill c	ctitution at any time recein ubmitted work (including etc.)? evant conflicts of intere out the appropriate info be removed by pressing	but not limited st? Yes rmation below	to grants, da \ No v. If you hav	ta monitoring	g board, stud	dy design, manuso	cript preparation,	
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Section 3.								
Section 5.	Relevant financial	activities out	side the s	ubmitted	work.			
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Do you have any	patents, whether plani	ned, pending o	r issued, br	oadly releva	ant to the w	ork? Yes	✓ No	

Davis 2



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Groff 1



Section 1. Identifying Inform	nation	
1. Given Name (First Name) Michael	2. Surname (Last Name) Groff	3. Date 13-July-2020
4. Are you the corresponding author?	☐ Yes ✓ No	Corresponding Author's Name Ron Alkalay PhD
5. Manuscript Title Large lytic defects produce kinematic ir	nstability and loss of comp	ressive strength in human spines: an in-vitro study
6. Manuscript Identifying Number (if you kr JBJS-D-19-00419R1	now it)	
		_
Section 2. The Work Under Co	onsideration for Public	cation
	g but not limited to grants, da	a third party (government, commercial, private foundation, etc.) for ita monitoring board, study design, manuscript preparation,
Section 3. Relevant financial	activities outside the s	submitted work.
of compensation) with entities as descri	ibed in the instructions. Us port relationships that wer	ether you have financial relationships (regardless of amount se one line for each entity; add as many lines as you need by the present during the 36 months prior to publication.
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Intellectual Proper	rty Patents & Copyric	ints ———
Do you have any patents, whether plan	ned, pending or issued, br	oadly relevant to the work? Yes V No

Groff 2



Section 5.	
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Name of Institut	ion/Company	Grant? Persona Fees?	Non-Financial Support? Comments
National Institute of <i>F</i> Musculoskeletal and 1	Arthritis and Skin Diseases AR055582		
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Are there any rel	evant conflicts of intere	est? ∐Yes ✓	No
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Miropolsky 2



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3. Relevant financial activities outside the submitted work.

This section asks about your financial relationships with entities in the bio-medical arena that could be perceived to influence, or that give the appearance of potentially influencing, what you wrote in the submitted work. You should disclose interactions with ANY entity that could be considered broadly relevant to the work. For example, if your article is about testing an epidermal growth factor receptor (EGFR) antagonist in lung cancer, you should report all associations with entities pursuing diagnostic or therapeutic strategies in cancer in general, not just in the area of EGFR or lung cancer.

Report all sources of revenue paid (or promised to be paid) directly to you or your institution on your behalf over the 36 months prior to submission of the work. This should include all monies from sources with relevance to the submitted work, not just monies from the entity that sponsored the research. Please note that your interactions with the work's sponsor that are outside the submitted work should also be listed here. If there is any question, it is usually better to disclose a relationship than not to do so.

For grants you have received for work outside the submitted work, you should disclose support ONLY from entities that could be perceived to be affected financially by the published work, such as drug companies, or foundations supported by entities that could be perceived to have a financial stake in the outcome. Public funding sources, such as government agencies, charitable foundations or academic institutions, need not be disclosed. For example, if a government agency sponsored a study in which you have been involved and drugs were provided by a pharmaceutical company, you need only list the pharmaceutical company.

4. Intellectual Property.

This section asks about patents and copyrights, whether pending, issued, licensed and/or receiving royalties.

Relationships not covered above.

Use this section to report other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work.

Definitions.

Entity: government agency, foundation, commercial sponsor, academic institution, etc.

Grant: A grant from an entity, generally [but not always] paid to your organization

Personal Fees: Monies paid to you for services rendered, generally honoraria, royalties, or fees for consulting, lectures, speakers bureaus, expert testimony, employment, or other affiliations

Non-Financial Support: Examples include drugs/equipment supplied by the entity, travel paid by the entity, writing assistance, administrative support, etc.

Other: Anything not covered under the previous three boxes

Pending: The patent has been filed but not issued

Issued: The patent has been issued by the agency

Licensed: The patent has been licensed to an entity, whether earning royalties or not

Royalties: Funds are coming in to you or your institution due to your patent

Adamson 1



Section 1. Identifying Inform	ation		
1. Given Name (First Name) Robert	2. Surname (Last Name) Adamson		3. Date 13-July-2020
4. Are you the corresponding author?	Yes Vo	Corresponding Author	or's Name
5. Manuscript Title Large lytic defects produce kinematic in	stability and loss of comp	ressive strength in hu	man spines: an in-vitro study
6. Manuscript Identifying Number (if you known JBJS-D-19-00419R1	ow it)		
		-	
Section 2. The Work Under Co	nsideration for Public	ation	
Did you or your institution at any time receivany aspect of the submitted work (including statistical analysis, etc.)? Are there any relevant conflicts of intere If yes, please fill out the appropriate info Excess rows can be removed by pressing	but not limited to grants, da st? Yes No rmation below. If you hav	ta monitoring board, stu	udy design, manuscript preparation,
Name of Institution/Company	Grant•	n-Financial Other?	Comments
National Institute of Arthritis and Musculoskeletal and Skin Diseases AR055582	✓		
Section 3. Relevant financial a	activities outside the s	ubmitted work.	
Place a check in the appropriate boxes ir of compensation) with entities as describ clicking the "Add +" box. You should rep Are there any relevant conflicts of intere	oed in the instructions. Us ort relationships that wer	e one line for each er	itity; add as many lines as you need by
Section 4. Intellectual Propert	ty Patents & Copyrig	ıhts	
Do you have any patents, whether plann	ned, pending or issued, br	oadly relevant to the	work? Yes No

Adamson 2



Section 5. Polationships not severed above
Relationships not covered above
Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?
Yes, the following relationships/conditions/circumstances are present (explain below):
✓ No other relationships/conditions/circumstances that present a potential conflict of interest
At the time of manuscript acceptance, journals will ask authors to confirm and, if necessary, update their disclosure statements On occasion, journals may ask authors to disclose further information about reported relationships.
Section 6. Disclosure Statement
Based on the above disclosures, this form will automatically generate a disclosure statement, which will appear in the box below.
Robert Adamson reports grants from National Institute of Arthritis and Musculoskeletal and Skin Diseases AR055582, during the conduct of the study; .

Evaluation and Feedback

Please visit http://www.icmje.org/cgi-bin/feedback to provide feedback on your experience with completing this form.

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