

ICMJE DISCLOSURE FORM

Date: Jan 5, 2023

Your Name: Noah Bonnheim

Manuscript Title: Deep-learning-based biomarker of spinal cartilage endplate health using ultra-short echo time magnetic resonance imaging

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 current manuscript only.

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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.	<input checked="" type="checkbox"/> None	
Time frame: past 36 months			
2	Grants or contracts from any entity (if not indicated in item #1 above).	<input checked="" type="checkbox"/> None	
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12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	<input checked="" type="checkbox"/> None	
13	Other financial or non-financial interests	<input checked="" type="checkbox"/> None	

Please summarize the above conflict of interest in the following box:

None

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

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

ICMJE DISCLOSURE FORM

Date: Jan 5, 2023

Your Name: Linshanshan Wang

Manuscript Title: Deep-learning-based biomarker of spinal cartilage endplate health using ultra-short echo time magnetic resonance imaging

Manuscript number (if known): _____

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ICMJE DISCLOSURE FORM

Date: Jan 8, 2023

Your Name: Ann Lazar

Manuscript Title: Deep-learning-based biomarker of spinal cartilage endplate health using ultra-short echo time magnetic resonance imaging

Manuscript number (if known): _____

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ICMJE DISCLOSURE FORM

Date: Jan 5, 2023

Your Name: Ravi Chachad

Manuscript Title: Deep-learning-based biomarker of spinal cartilage endplate health using ultra-short echo time magnetic resonance imaging

Manuscript number (if known): _____

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ICMJE DISCLOSURE FORM

Date: Jan 5, 2023

Your Name: Jiamin Zhou

Manuscript Title: Deep-learning-based biomarker of spinal cartilage endplate health using ultra-short echo time magnetic resonance imaging

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ICMJE DISCLOSURE FORM

Date: Jan 8, 2023

Your Name: Xiaojie Gou

Manuscript Title: Deep-learning-based biomarker of spinal cartilage endplate health using ultra-short echo time magnetic resonance imaging

Manuscript number (if known): _____

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ICMJE DISCLOSURE FORM

Date: Jan 8, 2023
 Your Name: Conor O'Neill
 Manuscript Title: Deep-learning-based biomarker of spinal cartilage endplate health using ultra-short echo time magnetic resonance imaging
 Manuscript number (if known): _____

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ICMJE DISCLOSURE FORM

Date: Jan 5, 2023
 Your Name: Joel Castellanos
 Manuscript Title: Deep-learning-based biomarker of spinal cartilage endplate health using ultra-short echo time magnetic resonance imaging
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None related to the topic of this paper.

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ICMJE DISCLOSURE FORM

Date: 1/5/2023

Your Name: Jiang Du

Manuscript Title: Deep-learning-based biomarker of spinal cartilage endplate health using ultra-short echo time magnetic resonance imaging

Manuscript number (if known): _____

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ICMJE DISCLOSURE FORM

Date: 1/5/2023
 Your Name: Hyungseok Jang
 Manuscript Title: Deep-learning-based biomarker of spinal cartilage endplate health using ultra-short echo time magnetic resonance imaging
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Date: Jan 8, 2023
 Your Name: Roland Krug
 Manuscript Title: Deep-learning-based biomarker of spinal cartilage endplate health using ultra-short echo time magnetic resonance imaging
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7	Support for attending meetings and/or travel	<input checked="" type="checkbox"/> None	
8	Patents planned, issued or pending	<input checked="" type="checkbox"/> None	
9	Participation on a Data Safety Monitoring Board or Advisory Board	<input checked="" type="checkbox"/> None	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	<input checked="" type="checkbox"/> None	
11	Stock or stock options	<input checked="" type="checkbox"/> None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	<input checked="" type="checkbox"/> None	
13	Other financial or non-financial interests	<input checked="" type="checkbox"/> None	

Please summarize the above conflict of interest in the following box:

The study was funded by a grant from the National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)

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

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

ICMJE DISCLOSURE FORM

Date: Jan 5, 2023
 Your Name: Aaron Fields
 Manuscript Title: Deep-learning-based biomarker of spinal cartilage endplate health using ultra-short echo time magnetic resonance imaging
 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 **current manuscript only**.

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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 initial planning of the work			
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5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	<input checked="" type="checkbox"/> None	
6	Payment for expert testimony	<input checked="" type="checkbox"/> None	
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