

## ICMJE DISCLOSURE FORM

Date: 2023-04-03

Your Name: Joseph Madamesila

Manuscript Title: Can Machine Learning Improve Early Detection of Brain Metastases using Diffusion Weighted Imaging-based Radiomics?

Manuscript number (if known): n/a

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.

The author's relationships/activities/interests should be defined broadly. 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)
<b>Time frame: Since the initial planning of the work</b>			
1	All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) <b>No time limit for this item.</b>	Alberta Innovates: Data-Enabled Innovation	Payments made directly
		Brain Tumour Foundation of Canada	Payments made to institution. Grant holder are ET and NP (authors on paper and graduate school supervisors).
<b>Time frame: past 36 months</b>			
2	Grants or contracts from any entity (if not indicated in item #1 above).	<input checked="" type="checkbox"/> None	
3	Royalties or licenses	<input checked="" type="checkbox"/> None	
4	Consulting fees	<input checked="" type="checkbox"/> None	

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	
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 author JM was supported by Alberta Innovates: Data-Enabled Innovation; and the Brain Tumour Foundation of Canada (recipients are my supervisors ET and NP).

**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: 27 Mar 2023

Your Name: Ekaterina Tchistiakova

Manuscript Title: Can Machine Learning Improve Early Detection of Brain Metastases using Diffusion Weighted Imaging-based Radiomics?

Manuscript number (if known): n/a

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

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

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

ET have received a grant from the Brain Tumour Foundation of Canada to support this work.

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

  x   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: 24-Mar-23

Your Name: Salman Faruqi

Manuscript Title: Can Machine Learning Improve Early Detection of Brain Metastases using Diffusion Weighted Imaging-based Radiomics?

Manuscript number (if known): n/a

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3	Royalties or licenses	<input checked="" type="checkbox"/> None	
4	Consulting fees	<input checked="" type="checkbox"/> None	

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	<input type="checkbox"/> None	Sanofi for the management of cutaneous non-melanoma malignancies (education and advisory)
6	Payment for expert testimony	<input checked="" type="checkbox"/> None	
7	Support for attending meetings and/or travel	<input checked="" type="checkbox"/> None	
8	Patents planned, issued or pending	<input checked="" type="checkbox"/> None	
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None

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## ICMJE DISCLOSURE FORM

Date: March 24, 2023 \_\_\_\_\_

Your Name: Subhadip Das \_\_\_\_\_

Manuscript Title: Can Machine Learning Improve Early Detection of Brain Metastases using Diffusion Weighted Imaging-based Radiomics?

Manuscript number (if known): n/a

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

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	<u>      </u> None	
6	Payment for expert testimony	<u>      </u> None	
7	Support for attending meetings and/or travel	<u>      </u> None	
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10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	<u>      </u> None	
11	Stock or stock options	<u>      </u> None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	<u>      </u> None	
13	Other financial or non-financial interests	<u>      </u> None	

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

None

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## ICMJE DISCLOSURE FORM

**Date:** 24 March 2023

**Your Name:** Nicolas Ploquin

**Manuscript Title:** Can Machine Learning Improve Early Detection of Brain Metastases using Diffusion Weighted Imaging-based Radiomics?

**Manuscript number (if known):** n/a

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4	Consulting fees	___ None	

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6	Payment for expert testimony	___ None	
7	Support for attending meetings and/or travel	___ None	
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10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	___ None	
11	Stock or stock options	___ None	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	___ None	
13	Other financial or non-financial interests	___ None	

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

NP have received a grant from the Brain Tumour Foundation of Canada to support this work.

**Please place an “X” next to the following statement to indicate your agreement:**

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