Date: 6/5/2022

Your Name: Christopher McMaster

Manuscript Title: Artificial Intelligence and Deep Learning for Rheumatologists: A Primer and Review of the Literature Manuscript number (if known): ar-22-0309

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

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	X None X None X None Image: Constraint of the second se
7	Support for attending meetings and/or travel	X None
8	Patents planned, issued or pending	X None
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	X None
11	Stock or stock options	X None
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	X None
13	Other financial or non- financial interests	X None

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

Date: 6/5/2022

Your Name: Claire Owen

Manuscript Title: Artificial Intelligence and Deep Learning for Rheumatologists: A Primer and Review of the Literature Manuscript number (if known): ar-22-0309

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.	None	
		Time frame: past	36 months
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 Payment for expert testimony	X None	Speaking honoraria from Janssen, Roche and Novartis
7	Support for attending meetings and/or travel	X	Financial support from Roche for attendance at ACR2019
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	

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

Date: 6/5/2022

Your Name: David Liew

Manuscript Title: Artificial Intelligence and Deep Learning for Rheumatologists: A Primer and Review of the Literature Manuscript number (if known): ar-22-0309

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

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	X None X None X None Image: Constraint of the second se
7	Support for attending meetings and/or travel	X None
8	Patents planned, issued or pending	X None
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	X None
11	Stock or stock options	X None
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	X None
13	Other financial or non- financial interests	X None

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

Date: 6/5/22 Your Name: Russell R C Buchanan

Manuscript Title: Artificial Intelligence and Deep Learning for Rheumatologists: A Primer and Review of the Literature Manuscript number (if known): ar-22-0309

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)
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.	X None	
2	Grants or contracts from any entity (if not indicated	Time frame: past X None	36 months
	in item #1 above).		
ß	Royalties or licenses	X None	
4	Consulting fees	X None	

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

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

Date: 9/5/22 Your Name: Alix Bird Manuscript Title: Artificial Intelligence and Deep Learning for Rheumatologists Manuscript number (if known): ar-22-0309

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)
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 any entity (if not indicated in item #1 above).	GlaxoSmithKline and Australian Government Research Training Program Scholarship	PhD funded by an unrestricted training grant
3	Royalties or licenses	xNone	

	x None	
Consulting fees		
Payment or honoraria for	xNone	
	x None	
testimony	^_	
Support for attending	xNone	
meetings and/or travel		
	N	
-	xNone	
penuing		
Participation on a Data	x None	
Safety Monitoring Board or		
Advisory Board		
	x_None	
-		
	x None	
Receipt of equipment,	x_None	
Other financial or non-	x None	
financial interests		
	ectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony Support for attending meetings and/or travel Patents planned, issued or pending Participation on a Data Safety Monitoring Board or Advisory Board Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid Stock or stock options Receipt of equipment, materials, drugs, medical writing, gifts or other services Other financial or non-	lectures, presentations, speakers bureaus, manuscript writing or educational events

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

Date: 9/5/22 Your Name: Douglas Eduardo Valente Pires Manuscript Title: Artificial Intelligence and Deep Learning for Rheumatologists Manuscript number (if known): ar-22-0309

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)
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.		
	No time limit for this item.		
		Time frame: past	36 months
2	Grants or contracts from	x_None	
	any entity (if not indicated		
	in item #1 above).		
3	Royalties or licenses	x_None	
4	Consulting fees	xNone	

5	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 pending	xNone
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

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

Date: 9/5/22 Your Name: Wendy Chapman Manuscript Title: Artificial Intelligence and Deep Learning for Rheumatologists Manuscript number (if known): ar-22-0309

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

5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events Payment for expert testimony	x_None
7	Support for attending meetings and/or travel	x_None
8	Patents planned, issued or pending	xNone
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	x_None
11	Stock or stock options	x_None
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	x_None
13	Other financial or non- financial interests	x_None

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