Date:1/16/2024
Your Name:Peng Li
Manuscript Title: Delineating resilience using fractal regulation: Cross-sectional and longitudinal evidence from the
Rush Memory and Aging Project
Manuscript number (if known):ADJ-D-23-01602

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>.

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		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		pranning of the work
1	All support for the present manuscript (e.g., funding, provision of study materials,	None The BrightFocus Foundation	Received funding with payments made to my institution
	medical writing, article processing charges, etc.)	The Brigham Research Institute	Received funding with payments made to my institution
	No time limit for this item.	Department of Anesthesia, Critical Care and Pain Medicine, Massachusetts General Hospital	Received funding with payments made to my institution
		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated	xNone	
	in item #1 above).		

3	Royalties or licenses	xNone
4	Consulting fees	xNone
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	xNone
6	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

Date:1/1	5/2024
Your Name:	Chenlu Gao
Manuscript Tit	e: Delineating resilience using fractal regulation: cross-sectional and longitudinal evidence from the
Rush Memory	and Aging Project
Manuscript nu	nber (if known): ADJ-D-23-01602

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		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 Alzheimer's Association (grant # AARFD-22- 928372) American Academy of Sleep Medicine (grant # 290-FP-22)	Received funding with payments made to my institution Received funding with payments made to my institution
		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	x_None	
_			
5	Payment or honoraria for	x_None	
	lectures, presentations,		
	speakers bureaus, manuscript writing or		
	educational events		
6	Payment for expert	x None	
	testimony		
	,		
7	Support for attending meetings and/or travel	xNone	
	Ç		
8	Patents planned, issued or	xNone	
	pending		
9	Participation on a Data	xNone	
	Safety Monitoring Board or Advisory Board		
10	Leadership or fiduciary role	x None	
10	in other board, society,		
	committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	xNone	
12	Receipt of equipment,	xNone	
	materials, drugs, medical		
	writing, gifts or other services		
13	Other financial or non-	xNone	
	financial interests		

Date:1/16/2024
Your Name:Lei Yu
Manuscript Title: Delineating resilience using fractal regulation: cross-sectional and longitudinal evidence from the
Rush Memory and Aging Project
Manuscript number (if known): ADJ-D-23-01602

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		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	None NIH	Received funding with payments made to my institution
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	x None	
	•		
12	Receipt of equipment,	xNone	
	materials, drugs, medical		
	writing, gifts or other services		
13	Other financial or non-	x None	
13	financial interests	A_NOTIC	
	Thiancial interests		

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

Date:1/16/2024
Your Name:Lei Gao
Manuscript Title: Delineating resilience using fractal regulation: cross-sectional and longitudinal evidence from the
Rush Memory and Aging Project
Manuscript number (if known): ADJ-D-23-01602

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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.	None Alzheimer's Association grant # AACSF-23-1148490	Received funding with payments made to my institution
		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	x_None	
6	Payment for expert testimony	xNone	
7	Support for attending meetings and/or travel	xNone	
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	xNone	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	xNone	
13	Other financial or non- financial interests	xNone	

Date:1/16/2024
Your Name:Ruixue Cai
Manuscript Title: Delineating resilience using fractal regulation: cross-sectional and longitudinal evidence from the
Rush Memory and Aging Project
Manuscript number (if known): ADJ-D-23-01602

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		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	xNone	
3	Royalties or licenses	x_None	
4	Consulting fees	xNone	

5	Payment or honoraria for lectures, presentations,	xNone	
	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	x None	
	•		
12	Receipt of equipment,	xNone	
	materials, drugs, medical		
	writing, gifts or other services		
13	Other financial or non-	x None	
13	financial interests	A_NOTIC	
	Thiancial interests		

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

Date:1/16/2024
Your Name:David A Bennett
Manuscript Title: Delineating resilience using fractal regulation: cross-sectional and longitudinal evidence from the
Rush Memory and Aging Project
Manuscript number (if known): ADJ-D-23-01602

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1	All support for the present	None	
	manuscript (e.g., funding,	NIH	Received funding with payments made to my institution.
	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	xNone	
	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,	xNone	
	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	x None	
	•		
12	Receipt of equipment,	xNone	
	materials, drugs, medical		
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13	Other financial or non-	x None	
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	testimony		
-			
7	Support for attending meetings and/or travel	xNone	
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9	Participation on a Data	xNone	
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10	Leadership or fiduciary role	xNone	
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		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,	xNone	
	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	x None	
	•		
12	Receipt of equipment,	xNone	
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	writing, gifts or other services		
13	Other financial or non-	x None	
13	financial interests	A_NOTIC	
	Thiancial interests		

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Date:1/16/2024
Your Name:Kun Hu
Manuscript Title: Delineating resilience using fractal regulation: cross-sectional and longitudinal evidence from the
Rush Memory and Aging Project
Manuscript number (if known): ADJ-D-23-01602

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	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 NIH Department of Anesthesia, Critical Care and Pain Medicine, Massachusetts General Hospital	Received funding with payments made to my institution. Received funding with payments made to my institution			
		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				

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5	Payment or honoraria for	x_None	
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	manuscript writing or		
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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		
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11	Stock or stock options	xNone	
12	Descint of anylows and	u Nama	
12	Receipt of equipment,	xNone	
	materials, drugs, medical writing, gifts or other		
	services		
13	Other financial or non-	xNone	
	financial interests		