

Discloser Identifier: AJNR-22-00750-101314225

Disclosure Purpose: AJNR Disclosures

Disclosure Information:

1. Are you the corresponding author?

No.

2. What is the Manuscript Title?

MRI SIGNS OF GADOLINIUM RETENTION ARE NOT ASSOCIATED WITH LONG-TERM MOTOR AND COGNITIVE OUTCOMES IN MULTIPLE SCLEROSIS

3. What is the Manuscript Identifying Number (if you know it)?

4. Please select which of the following apply to each relationship or activity:

You are not disclosing any interests to this organization.

5. I confirm I have disclosed all direct support for the present manuscript (e.g. funding, provision of study materials, medical writing, article processing charges, etc.) There is no time limit for this item.

Yes

6. Please indicate below whether in the past 36 months you have had any of the following interests that are topically related to the work reported in the manuscript.

a. Employment (If you need to add an interest, return to the previous step and select "Employment")

No, I have no relevant interests of this type

b. Grants or contracts for research (If you need to add an interest, return to the previous step and select "Grant/Contract")

No, I have no relevant interests of this type

c. Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

d. Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")

No, I have no relevant interests of this type

e. Payment for service on an advisory board (If you need to add an interest, return to the previous step and select "Independent Contractor," and choose "Other")

No, I have no relevant interests of this type

f. Payment for participation Data and safety monitoring board (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

g. Expert witness testimony (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

h. Royalties from Patents, Trademarks, Copyrights or other intellectual property (If you need to add an interest, return to the previous step and select the appropriate interest type)

No, I have no relevant interests of this type

i. **Patents planned, issued, or pending, whether or not you receive royalties (If you need to add an interest, return to the previous step and select "Patents")**

No, I have no relevant interests of this type

j. **Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select "Fiduciary Officer")**

No, I have no relevant interests of this type

k. **Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)**

No, I have no relevant interests of this type

l. **Support for attending meetings or other travel (If you need to add an interest, return to the previous step and select "Travel")**

No, I have no relevant interests of this type

7. Was any individual paid to provide professional writing assistance with this manuscript?

No.

8. Have you or your institution received equipment, materials, drugs, or services in direct support of the work in the manuscript (without time limit) not disclosed above?

No.

9. In the past 36 months, have you received equipment, materials, drugs, medical writing, gifts or other services from for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript not disclosed above?

No.

10. Are there other financial or non-financial interests that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work not disclosed above.

No.

Certification

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

Discloser Identifier: AJNR-22-00750-32356197

Disclosure Purpose: AJNR Disclosures

Disclosure Information:

1. Are you the corresponding author?

No.

2. What is the Manuscript Title?

QUANTITATIVE MRI IN MULTIPLE SCLEROSIS: FROM THEORY TO APPLICATION

3. What is the Manuscript Identifying Number (if you know it)?

4. Please select which of the following apply to each relationship or activity:

You are not disclosing any interests to this organization.

5. I confirm I have disclosed all direct support for the present manuscript (e.g. funding, provision of study materials, medical writing, article processing charges, etc.) There is no time limit for this item.

Yes

6. Please indicate below whether in the past 36 months you have had any of the following interests that are topically related to the work reported in the manuscript.

a. Employment (If you need to add an interest, return to the previous step and select "Employment")

No, I have no relevant interests of this type

b. Grants or contracts for research (If you need to add an interest, return to the previous step and select "Grant/Contract")

No, I have no relevant interests of this type

c. Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

d. Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")

No, I have no relevant interests of this type

e. Payment for service on an advisory board (If you need to add an interest, return to the previous step and select "Independent Contractor," and choose "Other")

No, I have no relevant interests of this type

f. Payment for participation Data and safety monitoring board (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

g. Expert witness testimony (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

h. Royalties from Patents, Trademarks, Copyrights or other intellectual property (If you need to add an interest, return to the previous step and select the appropriate interest type)

No, I have no relevant interests of this type

i. Patents planned, issued, or pending, whether or not you receive royalties (If you need to add an interest, return to the previous step and select "Patents")

No, I have no relevant interests of this type

j. Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select "Fiduciary Officer")

No, I have no relevant interests of this type

k. Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)

No, I have no relevant interests of this type

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No.

10. Are there other financial or non-financial interests that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work not disclosed above.

No.

Certification

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

Discloser Identifier: AJNR-22-00750-95007700

Disclosure Purpose: AJNR Disclosures

Disclosure Information:

1. Are you the corresponding author?

No.

2. What is the Manuscript Title?

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No, I have no relevant interests of this type

c. Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

d. Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")

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e. Payment for service on an advisory board (If you need to add an interest, return to the previous step and select "Independent Contractor," and choose "Other")

No, I have no relevant interests of this type

f. Payment for participation Data and safety monitoring board (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

g. Expert witness testimony (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

h. Royalties from Patents, Trademarks, Copyrights or other intellectual property (If you need to add an interest, return to the previous step and select the appropriate interest type)

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No, I have no relevant interests of this type

j. **Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select "Fiduciary Officer")**

No, I have no relevant interests of this type

k. **Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)**

No, I have no relevant interests of this type

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No.

Certification

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

Discloser Identifier: AJNR-22-00750-51168543

Disclosure Purpose: AJNR Disclosures

Disclosure Information:

1. Are you the corresponding author?

Yes.

2. What is the Manuscript Title?

MRI SIGNS OF GADOLINIUM RETENTION ARE NOT ASSOCIATED WITH LONG-TERM MOTOR AND COGNITIVE OUTCOMES IN MULTIPLE SCLEROSIS

3. What is the Manuscript Identifying Number (if you know it)?

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Yes

6. Please indicate below whether in the past 36 months you have had any of the following interests that are topically related to the work reported in the manuscript.

a. Employment (If you need to add an interest, return to the previous step and select "Employment")

No, I have no relevant interests of this type

b. Grants or contracts for research (If you need to add an interest, return to the previous step and select "Grant/Contract")

No, I have no relevant interests of this type

c. Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

d. Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")

No, I have no relevant interests of this type

e. Payment for service on an advisory board (If you need to add an interest, return to the previous step and select "Independent Contractor," and choose "Other")

No, I have no relevant interests of this type

f. Payment for participation Data and safety monitoring board (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

g. Expert witness testimony (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

h. Royalties from Patents, Trademarks, Copyrights or other intellectual property (If you need to add an interest, return to the previous step and select the appropriate interest type)

No, I have no relevant interests of this type

i. **Patents planned, issued, or pending, whether or not you receive royalties (If you need to add an interest, return to the previous step and select "Patents")**

No, I have no relevant interests of this type

j. **Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select "Fiduciary Officer")**

No, I have no relevant interests of this type

k. **Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)**

No, I have no relevant interests of this type

l. **Support for attending meetings or other travel (If you need to add an interest, return to the previous step and select "Travel")**

No, I have no relevant interests of this type

7. Was any individual paid to provide professional writing assistance with this manuscript?

No.

8. Have you or your institution received equipment, materials, drugs, or services in direct support of the work in the manuscript (without time limit) not disclosed above?

No.

9. In the past 36 months, have you received equipment, materials, drugs, medical writing, gifts or other services from for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript not disclosed above?

No.

10. Are there other financial or non-financial interests that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work not disclosed above.

No.

Certification

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

Discloser Identifier: AJNR-22-00750-101303008

Disclosure Purpose: AJNR Disclosures

Disclosure Information:

1. Are you the corresponding author?

No.

2. What is the Manuscript Title?

MRI SIGNS OF GADOLINIUM RETENTION ARE NOT ASSOCIATED WITH LONG-TERM MOTOR AND COGNITIVE OUTCOMES IN MULTIPLE SCLEROSIS

3. What is the Manuscript Identifying Number (if you know it)?

AJNR-22-00750

4. Please select which of the following apply to each relationship or activity:

You are not disclosing any interests to this organization.

5. I confirm I have disclosed all direct support for the present manuscript (e.g. funding, provision of study materials, medical writing, article processing charges, etc.) There is no time limit for this item.

Yes

6. Please indicate below whether in the past 36 months you have had any of the following interests that are topically related to the work reported in the manuscript.

a. Employment (If you need to add an interest, return to the previous step and select "Employment")

No, I have no relevant interests of this type

b. Grants or contracts for research (If you need to add an interest, return to the previous step and select "Grant/Contract")

No, I have no relevant interests of this type

c. Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

d. Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")

No, I have no relevant interests of this type

e. Payment for service on an advisory board (If you need to add an interest, return to the previous step and select "Independent Contractor," and choose "Other")

No, I have no relevant interests of this type

f. Payment for participation Data and safety monitoring board (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

g. Expert witness testimony (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

h. Royalties from Patents, Trademarks, Copyrights or other intellectual property (If you need to add an interest, return to the previous step and select the appropriate interest type)

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No, I have no relevant interests of this type

j. **Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select "Fiduciary Officer")**

No, I have no relevant interests of this type

k. **Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)**

No, I have no relevant interests of this type

l. **Support for attending meetings or other travel (If you need to add an interest, return to the previous step and select "Travel")**

No, I have no relevant interests of this type

7. Was any individual paid to provide professional writing assistance with this manuscript?

No.

8. Have you or your institution received equipment, materials, drugs, or services in direct support of the work in the manuscript (without time limit) not disclosed above?

No.

9. In the past 36 months, have you received equipment, materials, drugs, medical writing, gifts or other services from for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript not disclosed above?

No.

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No.

Certification

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

Discloser Identifier: AJNR-22-00750-63744500

Disclosure Purpose: AJNR Disclosures

Disclosure Information:

1. Are you the corresponding author?

No.

2. What is the Manuscript Title?

MRI SIGNS OF GADOLINIUM RETENTION ARE NOT ASSOCIATED WITH LONG-TERM MOTOR AND COGNITIVE OUTCOMES IN MULTIPLE SCLEROSIS

3. What is the Manuscript Identifying Number (if you know it)?

4. Please select which of the following apply to each relationship or activity:

You are not disclosing any interests to this organization.

5. I confirm I have disclosed all direct support for the present manuscript (e.g. funding, provision of study materials, medical writing, article processing charges, etc.) There is no time limit for this item.

Yes

6. Please indicate below whether in the past 36 months you have had any of the following interests that are topically related to the work reported in the manuscript.

a. Employment (If you need to add an interest, return to the previous step and select "Employment")

No, I have no relevant interests of this type

b. Grants or contracts for research (If you need to add an interest, return to the previous step and select "Grant/Contract")

No, I have no relevant interests of this type

c. Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

d. Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")

No, I have no relevant interests of this type

e. Payment for service on an advisory board (If you need to add an interest, return to the previous step and select "Independent Contractor," and choose "Other")

No, I have no relevant interests of this type

f. Payment for participation Data and safety monitoring board (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

g. Expert witness testimony (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

h. Royalties from Patents, Trademarks, Copyrights or other intellectual property (If you need to add an interest, return to the previous step and select the appropriate interest type)

No, I have no relevant interests of this type

i. **Patents planned, issued, or pending, whether or not you receive royalties (If you need to add an interest, return to the previous step and select "Patents")**

No, I have no relevant interests of this type

j. **Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select "Fiduciary Officer")**

No, I have no relevant interests of this type

k. **Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)**

No, I have no relevant interests of this type

l. **Support for attending meetings or other travel (If you need to add an interest, return to the previous step and select "Travel")**

No, I have no relevant interests of this type

7. Was any individual paid to provide professional writing assistance with this manuscript?

No.

8. Have you or your institution received equipment, materials, drugs, or services in direct support of the work in the manuscript (without time limit) not disclosed above?

No.

9. In the past 36 months, have you received equipment, materials, drugs, medical writing, gifts or other services from for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript not disclosed above?

No.

10. Are there other financial or non-financial interests that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work not disclosed above.

No.

Certification

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

Discloser Identifier: AJNR-22-00750-80610120

Disclosure Purpose: AJNR Disclosures

Disclosure Information:

1. Are you the corresponding author?

No.

2. What is the Manuscript Title?

MRI SIGNS OF GADOLINIUM RETENTION ARE NOT ASSOCIATED WITH LONG-TERM MOTOR AND COGNITIVE OUTCOMES IN MULTIPLE SCLEROSIS

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Yes

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No, I have no relevant interests of this type

b. Grants or contracts for research (If you need to add an interest, return to the previous step and select "Grant/Contract")

No, I have no relevant interests of this type

c. Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

d. Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")

No, I have no relevant interests of this type

e. Payment for service on an advisory board (If you need to add an interest, return to the previous step and select "Independent Contractor," and choose "Other")

No, I have no relevant interests of this type

f. Payment for participation Data and safety monitoring board (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

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No, I have no relevant interests of this type

j. **Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select "Fiduciary Officer")**

No, I have no relevant interests of this type

k. **Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)**

No, I have no relevant interests of this type

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No.

Certification

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Discloser Identifier: AJNR-22-00750-65007869

Disclosure Purpose: AJNR Disclosures

Disclosure Information:

1. Are you the corresponding author?

No.

2. What is the Manuscript Title?

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4. Please select which of the following apply to each relationship or activity:

a. Grant / Contract Biogen

The relationship is outside the work reported in the manuscript but topically related and within the past 36 months

b. Grant / Contract Ipsen Biopharm Limited

The relationship is outside the work reported in the manuscript but topically related and within the past 36 months

c. Grant / Contract Merck

The relationship is outside the work reported in the manuscript but topically related and within the past 36 months

d. Grant / Contract Sanofi and Genzyme US Companies

The relationship is outside the work reported in the manuscript but topically related and within the past 36 months

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Yes

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a. Employment (If you need to add an interest, return to the previous step and select "Employment")

Yes, as disclosed above

b. Grants or contracts for research (If you need to add an interest, return to the previous step and select "Grant/Contract")

Yes, as disclosed above

c. Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")

Yes, as disclosed above

d. Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")

Yes, as disclosed above

e. Payment for service on an advisory board (If you need to add an interest, return to the previous step and select "Independent Contractor," and choose "Other")

Yes, as disclosed above

f. Payment for participation Data and safety monitoring board (If you need to add an interest, return to the previous step and select "Independent Contractor")

Yes, as disclosed above

g. Expert witness testimony (If you need to add an interest, return to the previous step and select “Independent Contractor”)

Yes, as disclosed above

h. Royalties from Patents, Trademarks, Copyrights or other intellectual property (If you need to add an interest, return to the previous step and select the appropriate interest type)

Yes, as disclosed above

i. Patents planned, issued, or pending, whether or not you receive royalties (If you need to add an interest, return to the previous step and select “Patents”)

Yes, as disclosed above

j. Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select “Fiduciary Officer”)

Yes, as disclosed above

k. Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)

Yes, as disclosed above

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Discloser Identifier: AJNR-22-00750-48290980

Disclosure Purpose: AJNR Disclosures

Disclosure Information:

1. Are you the corresponding author?

No.

2. What is the Manuscript Title?

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3. What is the Manuscript Identifying Number (if you know it)?

I do not know it.

4. Please select which of the following apply to each relationship or activity:

You are not disclosing any interests to this organization.

5. I confirm I have disclosed all direct support for the present manuscript (e.g. funding, provision of study materials, medical writing, article processing charges, etc.) There is no time limit for this item.

Yes

6. Please indicate below whether in the past 36 months you have had any of the following interests that are topically related to the work reported in the manuscript.

a. Employment (If you need to add an interest, return to the previous step and select "Employment")

No, I have no relevant interests of this type

b. Grants or contracts for research (If you need to add an interest, return to the previous step and select "Grant/Contract")

No, I have no relevant interests of this type

c. Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

d. Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")

No, I have no relevant interests of this type

e. Payment for service on an advisory board (If you need to add an interest, return to the previous step and select "Independent Contractor," and choose "Other")

No, I have no relevant interests of this type

f. Payment for participation Data and safety monitoring board (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

g. Expert witness testimony (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

h. Royalties from Patents, Trademarks, Copyrights or other intellectual property (If you need to add an interest, return to the previous step and select the appropriate interest type)

No, I have no relevant interests of this type

i. **Patents planned, issued, or pending, whether or not you receive royalties (If you need to add an interest, return to the previous step and select "Patents")**

No, I have no relevant interests of this type

j. **Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select "Fiduciary Officer")**

No, I have no relevant interests of this type

k. **Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)**

No, I have no relevant interests of this type

l. **Support for attending meetings or other travel (If you need to add an interest, return to the previous step and select "Travel")**

No, I have no relevant interests of this type

7. Was any individual paid to provide professional writing assistance with this manuscript?

No.

8. Have you or your institution received equipment, materials, drugs, or services in direct support of the work in the manuscript (without time limit) not disclosed above?

No.

9. In the past 36 months, have you received equipment, materials, drugs, medical writing, gifts or other services from for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript not disclosed above?

No.

10. Are there other financial or non-financial interests that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work not disclosed above.

No.

Certification

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

Discloser Identifier: AJNR-22-00750-20378230

Disclosure Purpose: AJNR Disclosures

Disclosure Information:

1. Are you the corresponding author?

No.

2. What is the Manuscript Title?

MRI SIGNS OF GADOLINIUM RETENTION ARE NOT ASSOCIATED WITH LONG-TERM MOTOR AND COGNITIVE OUTCOMES IN MULTIPLE SCLEROSIS

3. What is the Manuscript Identifying Number (if you know it)?

4. Please select which of the following apply to each relationship or activity:

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Yes

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No, I have no relevant interests of this type

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No, I have no relevant interests of this type

c. Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

d. Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")

No, I have no relevant interests of this type

e. Payment for service on an advisory board (If you need to add an interest, return to the previous step and select "Independent Contractor," and choose "Other")

No, I have no relevant interests of this type

f. Payment for participation Data and safety monitoring board (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

g. Expert witness testimony (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

h. Royalties from Patents, Trademarks, Copyrights or other intellectual property (If you need to add an interest, return to the previous step and select the appropriate interest type)

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j. **Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select "Fiduciary Officer")**

No, I have no relevant interests of this type

k. **Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)**

No, I have no relevant interests of this type

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7. Was any individual paid to provide professional writing assistance with this manuscript?

No.

8. Have you or your institution received equipment, materials, drugs, or services in direct support of the work in the manuscript (without time limit) not disclosed above?

No.

9. In the past 36 months, have you received equipment, materials, drugs, medical writing, gifts or other services from for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript not disclosed above?

No.

10. Are there other financial or non-financial interests that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work not disclosed above.

No.

Certification

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

Discloser Identifier: AJNR-22-00750-32356148

Disclosure Purpose: AJNR Disclosures

Disclosure Information:

1. Are you the corresponding author?

No.

2. What is the Manuscript Title?

QUANTITATIVE MRI IN MULTIPLE SCLEROSIS: FROM THEORY TO APPLICATION

3. What is the Manuscript Identifying Number (if you know it)?

4. Please select which of the following apply to each relationship or activity:

a. Independent Contractor - Consultant Amicus Therapeutics

The relationship is outside the work reported in the manuscript but topically related and within the past 36 months

b. Independent Contractor - Other Genzyme

The relationship is outside the work reported in the manuscript but topically related and within the past 36 months

5. I confirm I have disclosed all direct support for the present manuscript (e.g. funding, provision of study materials, medical writing, article processing charges, etc.) There is no time limit for this item.

Yes

6. Please indicate below whether in the past 36 months you have had any of the following interests that are topically related to the work reported in the manuscript.

a. Employment (If you need to add an interest, return to the previous step and select "Employment")

No, I have no relevant interests of this type

b. Grants or contracts for research (If you need to add an interest, return to the previous step and select "Grant/Contract")

No, I have no relevant interests of this type

c. Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

d. Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")

Yes, as disclosed above

e. Payment for service on an advisory board (If you need to add an interest, return to the previous step and select "Independent Contractor," and choose "Other")

Yes, as disclosed above

f. Payment for participation Data and safety monitoring board (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

g. Expert witness testimony (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

h. Royalties from Patents, Trademarks, Copyrights or other intellectual property (If you need to add an interest, return to the previous step and select the appropriate interest type)

No, I have no relevant interests of this type

i. Patents planned, issued, or pending, whether or not you receive royalties (If you need to add an interest, return to the previous step and select "Patents")

No, I have no relevant interests of this type

j. Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select "Fiduciary Officer")

No, I have no relevant interests of this type

k. Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)

No, I have no relevant interests of this type

l. Support for attending meetings or other travel (If you need to add an interest, return to the previous step and select "Travel")

No, I have no relevant interests of this type

7. Was any individual paid to provide professional writing assistance with this manuscript?

No.

8. Have you or your institution received equipment, materials, drugs, or services in direct support of the work in the manuscript (without time limit) not disclosed above?

No.

9. In the past 36 months, have you received equipment, materials, drugs, medical writing, gifts or other services from for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript not disclosed above?

No.

10. Are there other financial or non-financial interests that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work not disclosed above.

No.

Certification

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

Discloser Identifier: AJNR-22-00750-101313977

Disclosure Purpose: AJNR Disclosures

Disclosure Information:

1. Are you the corresponding author?

Yes.

2. What is the Manuscript Title?

GADOLINIUM RETENTION ARE NOT ASSOCIATED WITH LONG-TERM MOTOR AND COGNITIVE OUTCOMES IN MULTIPLE SCLEROSIS

3. What is the Manuscript Identifying Number (if you know it)?

4. Please select which of the following apply to each relationship or activity:

You are not disclosing any interests to this organization.

5. I confirm I have disclosed all direct support for the present manuscript (e.g. funding, provision of study materials, medical writing, article processing charges, etc.) There is no time limit for this item.

Yes

6. Please indicate below whether in the past 36 months you have had any of the following interests that are topically related to the work reported in the manuscript.

a. Employment (If you need to add an interest, return to the previous step and select "Employment")

No, I have no relevant interests of this type

b. Grants or contracts for research (If you need to add an interest, return to the previous step and select "Grant/Contract")

No, I have no relevant interests of this type

c. Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

d. Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")

No, I have no relevant interests of this type

e. Payment for service on an advisory board (If you need to add an interest, return to the previous step and select "Independent Contractor," and choose "Other")

No, I have no relevant interests of this type

f. Payment for participation Data and safety monitoring board (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

g. Expert witness testimony (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

h. Royalties from Patents, Trademarks, Copyrights or other intellectual property (If you need to add an interest, return to the previous step and select the appropriate interest type)

No, I have no relevant interests of this type

i. Patents planned, issued, or pending, whether or not you receive royalties (If you need to add an interest, return to the previous step and select "Patents")

No, I have no relevant interests of this type

j. Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select "Fiduciary Officer")

No, I have no relevant interests of this type

k. Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)

No, I have no relevant interests of this type

l. Support for attending meetings or other travel (If you need to add an interest, return to the previous step and select "Travel")

No, I have no relevant interests of this type

7. Was any individual paid to provide professional writing assistance with this manuscript?

No.

8. Have you or your institution received equipment, materials, drugs, or services in direct support of the work in the manuscript (without time limit) not disclosed above?

No.

9. In the past 36 months, have you received equipment, materials, drugs, medical writing, gifts or other services from for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript not disclosed above?

No.

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No.

Certification

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

Discloser Identifier: AJNR-22-00750-63744736

Disclosure Purpose: AJNR Disclosures

Disclosure Information:

1. Are you the corresponding author?

No.

2. What is the Manuscript Title?

MRI SIGNS OF GADOLINIUM RETENTION ARE NOT ASSOCIATED WITH LONG-TERM MOTOR AND COGNITIVE OUTCOMES IN MULTIPLE SCLEROSIS

3. What is the Manuscript Identifying Number (if you know it)?

4. Please select which of the following apply to each relationship or activity:

You are not disclosing any interests to this organization.

5. I confirm I have disclosed all direct support for the present manuscript (e.g. funding, provision of study materials, medical writing, article processing charges, etc.) There is no time limit for this item.

Yes

6. Please indicate below whether in the past 36 months you have had any of the following interests that are topically related to the work reported in the manuscript.

a. Employment (If you need to add an interest, return to the previous step and select "Employment")

No, I have no relevant interests of this type

b. Grants or contracts for research (If you need to add an interest, return to the previous step and select "Grant/Contract")

No, I have no relevant interests of this type

c. Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

d. Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")

No, I have no relevant interests of this type

e. Payment for service on an advisory board (If you need to add an interest, return to the previous step and select "Independent Contractor," and choose "Other")

No, I have no relevant interests of this type

f. Payment for participation Data and safety monitoring board (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

g. Expert witness testimony (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

h. Royalties from Patents, Trademarks, Copyrights or other intellectual property (If you need to add an interest, return to the previous step and select the appropriate interest type)

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i. **Patents planned, issued, or pending, whether or not you receive royalties (If you need to add an interest, return to the previous step and select "Patents")**

No, I have no relevant interests of this type

j. **Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select "Fiduciary Officer")**

No, I have no relevant interests of this type

k. **Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)**

No, I have no relevant interests of this type

l. **Support for attending meetings or other travel (If you need to add an interest, return to the previous step and select "Travel")**

No, I have no relevant interests of this type

7. Was any individual paid to provide professional writing assistance with this manuscript?

No.

8. Have you or your institution received equipment, materials, drugs, or services in direct support of the work in the manuscript (without time limit) not disclosed above?

No.

9. In the past 36 months, have you received equipment, materials, drugs, medical writing, gifts or other services from for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript not disclosed above?

No.

10. Are there other financial or non-financial interests that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work not disclosed above.

No.

Certification

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

Discloser Identifier: AJNR-22-00750-71787726

Disclosure Purpose: AJNR Disclosures

Disclosure Information:

1. Are you the corresponding author?

No.

2. What is the Manuscript Title?

MRI SIGNS OF GADOLINIUM RETENTION ARE NOT ASSOCIATED WITH LONG-TERM MOTOR AND COGNITIVE OUTCOMES IN MULTIPLE SCLEROSIS

3. What is the Manuscript Identifying Number (if you know it)?

AJNR-22-00750

4. Please select which of the following apply to each relationship or activity:

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5. I confirm I have disclosed all direct support for the present manuscript (e.g. funding, provision of study materials, medical writing, article processing charges, etc.) There is no time limit for this item.

Yes

6. Please indicate below whether in the past 36 months you have had any of the following interests that are topically related to the work reported in the manuscript.

a. Employment (If you need to add an interest, return to the previous step and select "Employment")

No, I have no relevant interests of this type

b. Grants or contracts for research (If you need to add an interest, return to the previous step and select "Grant/Contract")

No, I have no relevant interests of this type

c. Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

d. Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")

No, I have no relevant interests of this type

e. Payment for service on an advisory board (If you need to add an interest, return to the previous step and select "Independent Contractor," and choose "Other")

No, I have no relevant interests of this type

f. Payment for participation Data and safety monitoring board (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

g. Expert witness testimony (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

h. Royalties from Patents, Trademarks, Copyrights or other intellectual property (If you need to add an interest, return to the previous step and select the appropriate interest type)

No, I have no relevant interests of this type

i. **Patents planned, issued, or pending, whether or not you receive royalties (If you need to add an interest, return to the previous step and select "Patents")**

No, I have no relevant interests of this type

j. **Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select "Fiduciary Officer")**

No, I have no relevant interests of this type

k. **Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)**

No, I have no relevant interests of this type

l. **Support for attending meetings or other travel (If you need to add an interest, return to the previous step and select "Travel")**

No, I have no relevant interests of this type

7. Was any individual paid to provide professional writing assistance with this manuscript?

No.

8. Have you or your institution received equipment, materials, drugs, or services in direct support of the work in the manuscript (without time limit) not disclosed above?

No.

9. In the past 36 months, have you received equipment, materials, drugs, medical writing, gifts or other services from for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript not disclosed above?

No.

10. Are there other financial or non-financial interests that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work not disclosed above.

No.

Certification

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

Discloser Identifier: AJNR-22-00750-50448204

Disclosure Purpose: AJNR Disclosures

Disclosure Information:

1. Are you the corresponding author?

No.

2. What is the Manuscript Title?

MRI SIGNS OF GADOLINIUM RETENTION ARE NOT ASSOCIATED WITH LONG-TERM MOTOR AND COGNITIVE OUTCOMES IN MULTIPLE SCLEROSIS

3. What is the Manuscript Identifying Number (if you know it)?

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No, I have no relevant interests of this type

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No, I have no relevant interests of this type

c. Payment for consulting (If you need to add an interest, return to the previous step and select "Independent Contractor")

No, I have no relevant interests of this type

d. Payments or honoraria for lectures, presentations, speakers bureaus, or educational events (If you need to add an interest, return to the previous step and select "Independent Contractor" and include the correct information under "Consultant")

No, I have no relevant interests of this type

e. Payment for service on an advisory board (If you need to add an interest, return to the previous step and select "Independent Contractor," and choose "Other")

No, I have no relevant interests of this type

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No, I have no relevant interests of this type

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j. **Fiduciary Officer or Other Board Membership (If you need to add an interest, return to the previous step and select "Fiduciary Officer")**

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k. **Stock or stock options (If you need to add an interest, return to the previous step and select the appropriate interest type)**

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