## Summary of Interests

### Company or Organization

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<th>Entity</th>
<th>Type</th>
<th>Relevant to this Disclosure</th>
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<td>Subtle Medical, Magnetic Insight, Icometrix, EMTensor</td>
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<tr>
<td>The University of Texas MD Anderson Cancer Center</td>
<td>Employment</td>
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<tr>
<td>Title: Professor and Chair of Neuroradiology</td>
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## Additional Questions

1. **Are you the corresponding author?**
   - No.

2. **What is the Manuscript Title?**
   - Ethical Considerations and Fairness in the Use of Artificial Intelligence for Neuroradiology

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. **Other Professional Activities - Consultant** Subtle Medical, Magnetic Insight, Icometrix, EMTensor
     - Neither
   - b. **Employment** The University of Texas MD Anderson Cancer Center
     - Neither

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.
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<tr>
<th>Entity</th>
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<td>Grant / Contract</td>
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### Intellectual Property

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<tr>
<td>Licensees:</td>
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<td></td>
<td>Siemens Medical Solutions USA, Inc.</td>
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<td>Imaging Biometrics</td>
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<tr>
<td></td>
<td>Olea Medical</td>
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## Additional Questions

1. **Are you the corresponding author?**
   
   No.

2. **What is the Manuscript Title?**

   Ethical Considerations and Fairness in the Use of Artificial Intelligence for Neuroradiology

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

   AJNR-23-00075.R1

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

   a. **Grant / Contract** American Heart Association

   The relationship is outside the work reported in the manuscript but topically related and within the past 36 months.
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Certification
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Convey
Global Disclosure System
AAMC
Summary of Interests

Company or Organization

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Category: Consultant

| Hyperfine Research, Inc. | Grant / Contract | Yes |

Additional Questions

1. Are you the corresponding author?
   No.

2. What is the Manuscript Title?
   Ethical Considerations and Fairness in the Use of Artificial Intelligence for Neuroradiology

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. Other Professional Activities - Consultant Centaur Diagnostics, Inc.
      The relationship is outside the work reported in the manuscript but topically related and within the past 36 months
   b. Grant / Contract Hyperfine Research, Inc.
      The relationship is outside the work reported in the manuscript but topically related and within the past 36 months

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   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”)
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g. Expert witness testimony (If you need to add an interest, return to the previous step and select “Independent Contractor”)
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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”)
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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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   No.

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<td>Subtle Medical</td>
<td>Other Business Ownership</td>
<td>Yes</td>
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**Official Title:** Member Board of Directors

**Form of Business Description:** co-founder, equity

**Intellectual Property**

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<td>Type: royalties</td>
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<tr>
<td>Patent - Multiple deep learning patents</td>
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</tbody>
</table>

**Description:** Multiple deep learning patents

**Patent Status:** Issued

**Licensee:** Subtle Medical

**Title:** Subtle Medical

**Date:** 05/01/2018

**Additional Questions**

1. **Are you the corresponding author?**
   
   No.

2. **What is the Manuscript Title?**
   
   Ethical Considerations and Fairness in the Use of Artificial Intelligence for Neuroradiology

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. Other Professional Activities - Other Biogen, Inc.
      Neither
   b. Fiduciary Officer ISMRM
      Neither
   c. Grant / Contract General Electric
      The relationship is outside the work reported in the manuscript but topically related and within the past 36 months
   d. Other Business Ownership Subtle Medical
      The relationship is outside the work reported in the manuscript but topically related and within the past 36 months
   e. Other Intellectual Property royalties
      Neither
   f. Patent Multiple deep learning patents
      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.
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      No, I have no relevant interests of this type
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)
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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?
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Certification
I certify that I have answered every question and have not altered the wording of any of the questions on this form.
Summary of Interests

Company or Organization

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Category: Other

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Category: Consultant

Additional Questions

1. Are you the corresponding author?
   No.

2. What is the Manuscript Title?
   Ethical Considerations and Fairness in the Use of Artificial Intelligence for Neuroradiology

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. Other Professional Activities - Other BioMimetix
      Neither
   b. Other Professional Activities - Consultant General Electric
      Neither

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

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   I do not know it.

4. Please select which of the following apply to each relationship or activity:
   a. Other Professional Activities - Consultant Sana Biotech
      Neither
   b. Other Professional Activities - Consultant Syntactx, Inc.
      Neither
   c. Stock Avicenna.ai
      The relationship is outside the work reported in the manuscript but topically related and within the past 36 months

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      Neither
   b. Other Professional Activities - Data And Safety Monitoring Focused Ultrasound Foundation
c. **Other Professional Activities - Consultant** GE Healthcare
   Neither

d. **Other Professional Activities - Consultant** Kheiron Medical Technologies Ltd
   Neither

e. **Other Professional Activities - Consultant** Siemens Healthineers
   Neither

f. **Other Professional Activities - Data And Safety Monitoring** uniQure Biopharma B.V.
   Neither

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   a. **Employment** (If you need to add an interest, return to the previous step and select “Employment”)
      
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   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”)
      
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   a. Other Professional Activities - Other Radiological Society of North America
      Neither
   b. Grant / Contract National Institute of Health
      Neither

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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. **Other Professional Activities - Consultant** Canon Medical Systems Corporation
      Neither
   b. **Fiduciary Officer** Avicenna.ai
      Neither
   c. **Gift** Canon Medical Systems Corporation
      Neither
   d. **Grant / Contract** Canon Medical Systems Corporation
      Neither
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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

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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.
Spyridon Bakas

Discloser Identifier: AJNR-23-00075-87519548  Disclosure Purpose: AJNR Disclosures

Summary of Interests

I do not have any interests to disclose at this time.

Additional Questions

1. Are you the corresponding author?
   No.

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