

ICMJE Form for Disclosure of Potential Conflicts of Interest

Instructions

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4. Intellectual Property.

This section asks about patents and copyrights, whether pending, issued, licensed and/or receiving royalties.

5. Relationships not covered above.

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

| | | |
|---|---|--|
| 1. Given Name (First Name) Jialin | 2. Surname (Last Name) Zhu | 3. Date 14-July-2020 |
| 4. Are you the corresponding author? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Corresponding Author's Name Xi Wei and Ming Gao |
| 5. Manuscript Title An efficient deep convolutional neural network model for visual localization and automatic diagnosis of thyroid nodules on ultrasound images | | |
| 6. Manuscript Identifying Number (if you know it) QIMS-20-538 | | |

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Are there any relevant conflicts of interest? Yes No

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Section 4. Intellectual Property -- Patents & Copyrights

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Dr. Zhu has nothing to disclose.

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Section 1. Identifying Information

| | | |
|---|---|--|
| 1. Given Name (First Name) Sheng | 2. Surname (Last Name) Zhang | 3. Date 13-July-2020 |
| 4. Are you the corresponding author? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Corresponding Author's Name Xi Wei and Ming Gao |
| 5. Manuscript Title An efficient deep convolutional neural network model for visual localization and automatic diagnosis of thyroid nodules on ultrasound images | | |
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Dr. Zhang has nothing to disclose.

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name)
Ruiguo

2. Surname (Last Name)
Yu

3. Date
12-July-2020

4. Are you the corresponding author? Yes No
Corresponding Author's Name
Xi Wei and Ming Gao

5. Manuscript Title
An efficient deep convolutional neural network model for visual localization and automatic diagnosis of thyroid nodules on ultrasound images

6. Manuscript Identifying Number (if you know it)
QIMS-20-538

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Are there any relevant conflicts of interest? Yes No

If yes, please fill out the appropriate information below. If you have more than one entity press the "ADD" button to add a row. Excess rows can be removed by pressing the "X" button.

| Name of Institution/Company | Grant? | Personal Fees? | Non-Financial Support? | Other? | Comments |
|---|-------------------------------------|--------------------------|--------------------------|--------------------------|------------------|
| Tianjin Municipal Science and Technology Bureau | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | NO.18ZXZNSY00300 |

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Dr. Yu reports grants from Tianjin Municipal Science and Technology Bureau, during the conduct of the study; .

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| | | |
|---|---|--|
| 1. Given Name (First Name) Zhiqiang | 2. Surname (Last Name) Liu | 3. Date 13-July-2020 |
| 4. Are you the corresponding author? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Corresponding Author's Name Xi Wei and Ming Gao |
| 5. Manuscript Title An efficient deep convolutional neural network model for visual localization and automatic diagnosis of thyroid nodules on ultrasound images | | |
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| | | |
|---|---|--|
| 1. Given Name (First Name) Hongyan | 2. Surname (Last Name) Gao | 3. Date 12-July-2020 |
| 4. Are you the corresponding author? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Corresponding Author's Name Xi Wei and Ming Gao |
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Dr. Gao has nothing to disclose.

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Other: Anything not covered under the previous three boxes

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Licensed: The patent has been licensed to an entity, whether earning royalties or not

Royalties: Funds are coming in to you or your institution due to your patent

ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

| | | |
|---|---|--|
| 1. Given Name (First Name) Bing | 2. Surname (Last Name) Yue | 3. Date 13-July-2020 |
| 4. Are you the corresponding author? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Corresponding Author's Name Xi Wei and Ming Gao |
| 5. Manuscript Title An efficient deep convolutional neural network model for visual localization and automatic diagnosis of thyroid nodules on ultrasound images | | |
| 6. Manuscript Identifying Number (if you know it) QIMS-20-538 | | |

Section 2. The Work Under Consideration for Publication

Did you or your institution **at any time** receive payment or services from a third party (government, commercial, private foundation, etc.) for any aspect of the submitted work (including but not limited to grants, data monitoring board, study design, manuscript preparation, statistical analysis, etc.)?

Are there any relevant conflicts of interest? Yes No

Section 3. Relevant financial activities outside the submitted work.

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Are there any relevant conflicts of interest? Yes No

Section 4. Intellectual Property -- Patents & Copyrights

Do you have any patents, whether planned, pending or issued, broadly relevant to the work? Yes No

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Section 5. Relationships not covered above

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Section 6. Disclosure Statement

Based on the above disclosures, this form will automatically generate a disclosure statement, which will appear in the box below.

Dr. Yue has nothing to disclose.

Evaluation and Feedback

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

| | | |
|---|---|--|
| 1. Given Name (First Name) Xun | 2. Surname (Last Name) Liu | 3. Date 14-July-2020 |
| 4. Are you the corresponding author? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Corresponding Author's Name Xi Wei and Ming Gao |
| 5. Manuscript Title An efficient deep convolutional neural network model for visual localization and automatic diagnosis of thyroid nodules on ultrasound images | | |
| 6. Manuscript Identifying Number (if you know it) QIMS-20-538 | | |

Section 2. The Work Under Consideration for Publication

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Are there any relevant conflicts of interest? Yes No

Section 4. Intellectual Property -- Patents & Copyrights

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

| | | |
|---|---|--|
| 1. Given Name (First Name) Xiangqian | 2. Surname (Last Name) Zheng | 3. Date 14-July-2020 |
| 4. Are you the corresponding author? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Corresponding Author's Name Xi Wei and Ming Gao |
| 5. Manuscript Title An efficient deep convolutional neural network model for visual localization and automatic diagnosis of thyroid nodules on ultrasound images | | |
| 6. Manuscript Identifying Number (if you know it) QIMS-20-538 | | |

Section 2. The Work Under Consideration for Publication

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Section 4. Intellectual Property -- Patents & Copyrights

Do you have any patents, whether planned, pending or issued, broadly relevant to the work? Yes No

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name)
Ming

2. Surname (Last Name)
Gao

3. Date
14-July-2020

4. Are you the corresponding author? Yes No

5. Manuscript Title
An efficient deep convolutional neural network model for visual localization and automatic diagnosis of thyroid nodules on ultrasound images

6. Manuscript Identifying Number (if you know it)
QIMS-20-538

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Are there any relevant conflicts of interest? Yes No

Section 4. Intellectual Property -- Patents & Copyrights

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Dr. Gao has nothing to disclose.

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name) Xi 2. Surname (Last Name) Wei 3. Date 14-July-2020

4. Are you the corresponding author? Yes No

5. Manuscript Title
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6. Manuscript Identifying Number (if you know it)
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Are there any relevant conflicts of interest? Yes No

If yes, please fill out the appropriate information below. If you have more than one entity press the "ADD" button to add a row. Excess rows can be removed by pressing the "X" button.

| Name of Institution/Company | Grant? | Personal Fees? | Non-Financial Support? | Other? | Comments |
|---|-------------------------------------|--------------------------|--------------------------|--------------------------|------------------|
| National Natural Science Foundation of China | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | NO.81771852 |
| Tianjin Municipal Science and Technology Bureau | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | NO.18ZXZNSY00300 |

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Dr. Wei reports grants from National Natural Science Foundation of China, grants from Tianjin Municipal Science and Technology Bureau, during the conduct of the study; .

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