

#### **Instructions**

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## Identifying information.

## 2. The work under consideration for publication.

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

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

Wang 1



| Section 1. Identifying Inform   | ation  |  |
|---|--|--|
| 1. Given Name (First Name)<br>Yan   | 2. Surname (Last Name)<br>Wang                             | 3. Date<br>02-August-2020  |
| 4. Are you the corresponding author?  | Yes ✓ No   | Corresponding Author's Name<br>Bing Tian   |
| 5. Manuscript Title<br>Deep Learning based Fully Automatic S<br>MRI   | egmentation of the Left V                                  | entricular Endocardium and Epicardium from Cardiac Cine  |
| 6. Manuscript Identifying Number (if you kn<br>QIMS-20-169  | ow it)   |  |
|   |  |  |
| Section 2. The Work Under Co  | onsideration for Public                                    | cation   |
| any aspect of the submitted work (including<br>statistical analysis, etc.)?<br>Are there any relevant conflicts of intere | but not limited to grants, da                              | a third party (government, commercial, private foundation, etc.) for ita monitoring board, study design, manuscript preparation,   |
| Section 3. Relevant financial   | activities outside the s                                   | ubmitted work.   |
| of compensation) with entities as descri  | bed in the instructions. Us<br>port relationships that wer | ether you have financial relationships (regardless of amount se one line for each entity; add as many lines as you need by re present during the 36 months prior to publication. |
| Section 4. Intellectual Proper  | ty Patents & Copyric                                       | ghts   |
| Do you have any patents, whether plant  |  |  |

Wang 2



| Section 5. Polotionships not solvered above  |
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| Dr. Wang has nothing to disclose.  |

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Wang 3



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patent

Wen 1



| Section 1. Identifying Inform                                       | nation   |  |
|---|--|--|
| 1. Given Name (First Name)<br>Zhaoying                              | 2. Surname (Last Name)<br>Wen                                | 3. Date<br>02-August-2020  |
| 4. Are you the corresponding author?                                | ☐ Yes ✓ No   | Corresponding Author's Name<br>Bing Tian   |
| 5. Manuscript Title<br>Deep Learning based Fully Automatic S<br>MRI | Segmentation of the Left V                                   | entricular Endocardium and Epicardium from Cardiac Cine  |
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| The work onder C  | onsideration for Public                                      |  |
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| of compensation) with entities as descr                             | ribed in the instructions. Us<br>port relationships that wer | ether you have financial relationships (regardless of amount se one line for each entity; add as many lines as you need by re present during the 36 months prior to publication. |
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| Section 4. Intellectual Prope                                       | rty Patents & Copyri <u>c</u>                                | yhts   |
| Do you have any patents, whether plan                               | ned, pending or issued, br                                   | roadly relevant to the work? Yes V No  |

Wen 2



| Section 5. Polationships not severed above   |
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Zhang 1



| Section 1. Identifying Inform   | mation  |   |
|---|---|---|
| 1. Given Name (First Name)<br>Yue   | 2. Surname (Last Name)<br>Zhang                             | 3. Date<br>02-August-2020   |
| 4. Are you the corresponding author?  | ☐ Yes ✓ No  | Corresponding Author's Name<br>Bing Tian  |
| <ol><li>Manuscript Title</li><li>Deep Learning based Fully Automatic</li><li>MRI</li></ol>                              | Segmentation of the Left \                                  | entricular Endocardium and Epicardium from Cardiac Cine   |
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Zhang 2



| Section 5.                | Relationships not covered above   |
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Kao 1



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|---|---|--|
| 1. Given Name (First Name)<br>Evan                                  | 2. Surname (Last Name)<br>Kao                               | 3. Date<br>02-August-2020  |
| 4. Are you the corresponding author?                                | ☐ Yes ✓ No  | Corresponding Author's Name<br>Bing Tian   |
| 5. Manuscript Title<br>Deep Learning based Fully Automatic S<br>MRI | Segmentation of the Left V                                  | entricular Endocardium and Epicardium from Cardiac Cine  |
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| Do you have any patents, whether plan                               | ned, pending or issued, br                                  | roadly relevant to the work? Yes Vo  |

Kao 2



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Tian 1



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|--|--|---|---------------------|---|
| 1. Given Name (First Name<br>Bing                    | e) 2. Surnar<br>Tian   | ne (Last Name)  |                     | 3. Date<br>02-August-2020   |
| 4. Are you the correspond                            | ling author?   | No  |                     |   |
| 5. Manuscript Title<br>Deep Learning based Fo<br>MRI | ully Automatic Segmentati                                    | on of the Left Ventricular E  | indocardium and     | Epicardium from Cardiac Cine  |
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|  |  |   |                     |   |
| Section 2. The V                                     | Nork Under Considerat  | tion for Publication  |                     |   |
|  | ed work (including but not lim                               | t or services from a third party<br>lited to grants, data monitorin<br>es |                     | nmercial, private foundation, etc.) for ign, manuscript preparation,                              |
| Section 3. Relev                                     | vant financial activities                                    | outside the submitted   | l work.             |   |
| of compensation) with 6                              | entities as described in the<br>c. You should report relatio | instructions. Use one line f  | for each entity; ad | tionships (regardless of amount<br>dd as many lines as you need by<br>onths prior to publication. |
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| Do you have any patent                               | s, whether planned, pendi                                    | ng or issued, broadly relev   | ant to the work?    | ☐ Yes 🗸 No  |

Tian 2



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## **Intellectual Property.**

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#### Relationships not covered above. 5.

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patent



| Section 1. Identifying Inform                                       | nation   |  |
|---|--|--|
| 1. Given Name (First Name)<br>Xinke                                 | 2. Surname (Last Name)<br>Liu                                | 3. Date<br>04-August-2020  |
| 4. Are you the corresponding author?                                | ☐ Yes ✓ No   | Corresponding Author's Name<br>Bing Tian   |
| 5. Manuscript Title<br>Deep Learning based Fully Automatic S<br>MRI | Segmentation of the Left V                                   | entricular Endocardium and Epicardium from Cardiac Cine  |
| 6. Manuscript Identifying Number (if you k<br>QIMS-20-169           | now it)  | _  |
| Section 2. The Week Under Co  |  |  |
| The Work Under C  | onsideration for Public                                      | cation   |
|   | g but not limited to grants, da                              | a third party (government, commercial, private foundation, etc.) for ita monitoring board, study design, manuscript preparation,   |
| Section 3. Polyant financial  |  |  |
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| of compensation) with entities as descr                             | ribed in the instructions. Us<br>port relationships that wer | ether you have financial relationships (regardless of amount se one line for each entity; add as many lines as you need by re present during the 36 months prior to publication. |
|   |  |  |
| Section 4. Intellectual Prope                                       | rty Patents & Copyric  | yhts   |
| Do you have any patents, whether plan                               | nned, pending or issued, br                                  | roadly relevant to the work? Yes V No  |



| Section 5. Polationships not solvered above  |
|--|
| Relationships not covered above  |
| Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?  |
| Yes, the following relationships/conditions/circumstances are present (explain below):   |
| ✓ No other relationships/conditions/circumstances that present a potential conflict of interest  |
| At the time of manuscript acceptance, journals will ask authors to confirm and, if necessary, update their disclosure statements On occasion, journals may ask authors to disclose further information about reported relationships. |
| Section 6. Disclosure Statement  |
|  |
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| Dr. Liu has nothing to disclose.   |

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patent

Xuan 1



| Section 1. Identifying Inform   | mation  |   |
|---|---|---|
| 1. Given Name (First Name)<br>Wanling   | 2. Surname (Last Name)<br>Xuan                              | 3. Date<br>02-August-2020   |
| 4. Are you the corresponding author?  | Yes ✓ No  | Corresponding Author's Name<br>Bing Tian  |
| 5. Manuscript Title<br>Deep Learning based Fully Automatic<br>MRI   | Segmentation of the Left \                                  | entricular Endocardium and Epicardium from Cardiac Cine   |
| 6. Manuscript Identifying Number (if you k<br>QIMS-20-169   | now it)   | _   |
| Section 2   |   |   |
| Section 2. The Work Under C   | Consideration for Publi                                     | cation  |
| any aspect of the submitted work (includin<br>statistical analysis, etc.)?<br>Are there any relevant conflicts of inter | g but not limited to grants, da                             | a third party (government, commercial, private foundation, etc.) for ata monitoring board, study design, manuscript preparation,  |
| Section 3. Relevant financial   | activities outside the                                      | submitted work.   |
| of compensation) with entities as descri  | ribed in the instructions. U<br>eport relationships that we | nether you have financial relationships (regardless of amount se one line for each entity; add as many lines as you need by tree present during the 36 months prior to publication. |
| Section 4. Intellectual Prope   |   |   |
| Intellectual Prope  | rty Patents & Copyri  | ghts  |
| Do you have any patents, whether plar   | nned, pending or issued, b                                  | roadly relevant to the work? Yes V No   |

Xuan 2



| Section 5. Polationships not severed above  |  |  |  |  |
|---|--|--|--|--|
| Relationships not covered above   |  |  |  |  |
| Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?   |  |  |  |  |
| Yes, the following relationships/conditions/circumstances are present (explain below):  |  |  |  |  |
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| Section 6. Bisslands Statement  |  |  |  |  |
| Disclosure Statement  |  |  |  |  |
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| Dr. Xuan has nothing to disclose.   |  |  |  |  |

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Ordovas 1



| Section 1. Identifying Inform                                       | nation   |  |
|---|--|--|
| 1. Given Name (First Name)<br>Karen                                 | 2. Surname (Last Name)<br>Ordovas                            | 3. Date<br>04-August-2020  |
| 4. Are you the corresponding author?                                | ☐ Yes ✓ No   | Corresponding Author's Name<br>Bing Tian   |
| 5. Manuscript Title<br>Deep Learning based Fully Automatic S<br>MRI | Segmentation of the Left V                                   | entricular Endocardium and Epicardium from Cardiac Cine  |
| 6. Manuscript Identifying Number (if you king QIMS-20-169           | now it)  | _  |
| Section 2. The Week Under C   |  |  |
| The work onder C  | onsideration for Public                                      |  |
|   | g but not limited to grants, da                              | a third party (government, commercial, private foundation, etc.) for ata monitoring board, study design, manuscript preparation,   |
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| Do you have any patents, whether plan                               | ined, pending or issued, br                                  | roadly relevant to the work? Yes V No  |

Ordovas 2



| Section 5. Polationships not severed phase  |  |  |  |  |
|---|--|--|--|--|
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| Dr. Ordovas has nothing to disclose.  |  |  |  |  |

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Saloner 1



| Section 1. Identifying Inform                                       | ention  |  |
|---|---|--|
| identifying inform  | nation  |  |
| Given Name (First Name)  David                                      | 2. Surname (Last Name)<br>Saloner                           | 3. Date<br>04-August-2020  |
| 4. Are you the corresponding author?                                | ☐ Yes 🗸 No  | Corresponding Author's Name<br>Bing Tian   |
| 5. Manuscript Title<br>Deep Learning based Fully Automatic S<br>MRI | Segmentation of the Left V                                  | entricular Endocardium and Epicardium from Cardiac Cine  |
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| C. No. 2  |   |  |
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| Do you have any patents, whether plan                               | ned, pending or issued, br                                  | roadly relevant to the work? Yes V   |

Saloner 2



| Section 5. Polationships not severed above  |
|---|
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| Section 1. Identifying Inform   | nation  |  |
|---|---|--|
| 1. Given Name (First Name)<br>Jing  | 2. Surname (Last Name)<br>Liu                                 | 3. Date<br>04-August-2020  |
| 4. Are you the corresponding author?  | ☐ Yes ✓ No  | Corresponding Author's Name<br>Bing Tian   |
| 5. Manuscript Title<br>Deep Learning based Fully Automatic S<br>MRI   | Segmentation of the Left V                                    | entricular Endocardium and Epicardium from Cardiac Cine  |
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| Did you or your institution <b>at any time</b> rece<br>any aspect of the submitted work (including<br>statistical analysis, etc.)?<br>Are there any relevant conflicts of inter | eive payment or services from g but not limited to grants, da | a third party (government, commercial, private foundation, etc.) for ita monitoring board, study design, manuscript preparation,   |
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| Dr. Liu has nothing to disclose.  |  |  |  |  |

#### **Evaluation and Feedback**

Please visit <a href="http://www.icmje.org/cgi-bin/feedback">http://www.icmje.org/cgi-bin/feedback</a> to provide feedback on your experience with completing this form.