

#### **Instructions**

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CAI 1



Section 1. Identifying I	nformation	
1. Given Name (First Name) Sijing	2. Surname (Last Name) CAI	3. Date 16-April-2020
4. Are you the corresponding author	? Yes 🗸 No	Corresponding Author's Name Yi WU, Guannan CHEN
5. Manuscript Title Dense-UNet: a novel Multiphotor	in vivo cellular images segmen	tation model based on CNN
6. Manuscript Identifying Number (if QIMS-19-1090	you know it)	_
Section 2. The Work Un	der Consideration for Publi	cation
	cluding 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 fina	ncial activities outside the s	submitted work.
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Section 4. Intellectual P	roperty Patents & Copyri	ahts
Do you have any patents, whethe		

CAI 2



Section 5. Polationships not sovered phase
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Tian 1



Section 1. Identifying Inform	nation						
1. Given Name (First Name) Yunxian	2. Surname (Last Name) Tian	3. Date 16-April-2020					
4. Are you the corresponding author?	☐ Yes ✓ No	Corresponding Author's Name Yi WU, Guannan CHEN					
5. Manuscript Title Dense-UNet: a novel Multiphoton in vivo cellular images segmentation model based on CNN							
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any aspect of the submitted work (including statistical analysis, etc.)? 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,					
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Section 4. Intellectual Prope	rty Patents & Copyri	ghts					
Do you have any patents, whether plan	ned, pending or issued, b	roadly relevant to the work? Yes V No					

Tian 2



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4. Are you the corresponding author?	Yes ✓ No	Corresponding Author's Name Yi Wu, Guannan Chen			
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anadian Institutes of Health Research	<b>✓</b>		Grant #: MOP130548		
anadian Dermatology Foundation	<b>V</b>				
GH & UBC Hospital Foundation	<b>V</b>				
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Patent <mark>?</mark>	Pending?	Issued?	Licensed?	Royalties?	Licensee?	Comments	
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WU 1



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Do you have any	patents, whether planr	ed, pending or issu	ed, broadly releva	ant to the wo	rk? Yes 🗸 No		

WU 2



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Prof. WU reports grants from the National Natural Science Foundation of China, during the conduct of the study.

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#### **Instructions**

The purpose of this form is to provide readers of your manuscript with information about your other interests that could influence how they receive and understand your work. The form is designed to be completed electronically and stored electronically. It contains programming that allows appropriate data display. Each author should submit a separate form and is responsible for the accuracy and completeness of the submitted information. The form is in six parts.

## Identifying information.

### 2. The work under consideration for publication.

This section asks for information about the work that you have submitted for publication. The time frame for this reporting is that of the work itself, from the initial conception and planning to the present. The requested information is about resources that you received, either directly or indirectly (via your institution), to enable you to complete the work. Checking "No" means that you did the work without receiving any financial support from any third party — that is, the work was supported by funds from the same institution that pays your salary and that institution did not receive third-party funds with which to pay you. If you or your institution received funds from a third party to support the work, such as a government granting agency, charitable foundation or commercial sponsor, check "Yes".

### 3. Relevant financial activities outside the submitted work.

This section asks about your financial relationships with entities in the bio-medical arena that could be perceived to influence, or that give the appearance of potentially influencing, what you wrote in the submitted work. You should disclose interactions with ANY entity that could be considered broadly relevant to the work. For example, if your article is about testing an epidermal growth factor receptor (EGFR) antagonist in lung cancer, you should report all associations with entities pursuing diagnostic or therapeutic strategies in cancer in general, not just in the area of EGFR or lung cancer.

Report all sources of revenue paid (or promised to be paid) directly to you or your institution on your behalf over the 36 months prior to submission of the work. This should include all monies from sources with relevance to the submitted work, not just monies from the entity that sponsored the research. Please note that your interactions with the work's sponsor that are outside the submitted work should also be listed here. If there is any question, it is usually better to disclose a relationship than not to do so.

For grants you have received for work outside the submitted work, you should disclose support ONLY from entities that could be perceived to be affected financially by the published work, such as drug companies, or foundations supported by entities that could be perceived to have a financial stake in the outcome. Public funding sources, such as government agencies, charitable foundations or academic institutions, need not be disclosed. For example, if a government agency sponsored a study in which you have been involved and drugs were provided by a pharmaceutical company, you need only list the pharmaceutical company.

# 4. Intellectual Property.

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

# Relationships not covered above.

Use this section to report 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.

#### Definitions.

**Entity:** government agency, foundation, commercial sponsor, academic institution, etc.

**Grant:** A grant from an entity, generally [but not always] paid to your organization

**Personal Fees:** Monies paid to you for services rendered, generally honoraria, royalties, or fees for consulting, lectures, speakers bureaus, expert testimony, employment, or other affiliations

**Non-Financial Support:** Examples include drugs/equipment supplied by the entity, travel paid by the entity, writing assistance, administrative support, etc.

**Other:** Anything not covered under the previous three boxes

**Pending:** The patent has been filed but not issued **Issued:** The patent has been issued by the agency

**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

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Section 1.	Identifying Inform	ation							
1. Given Name (Fi Guannan	ame (First Name)  2. Surname (Last Name)  3. Date  16-April-2020								
4. Are you the corresponding author?  ✓ Yes  No									
5. Manuscript Title a novel Multipho	e oton in vivo cellular ima	ges segment	tation m	odel based on CN	IN				
6. Manuscript Idea	ntifying Number (if you kn	ow it)							
Section 2.									
Section 2.	The Work Under Co	onsideratio	n for P	ublication					
any aspect of the s statistical analysis, Are there any rel	submitted work (including	but not limite	ed to gran			ent, commercial, private foundation, et udy design, manuscript preparation,	tc.) for		
Section 3.	Relevant financial	activities o	utside 1	the submitted	work.				
of compensation clicking the "Ado Are there any rel	n) with entities as descri	bed in the in bort relations st?  \infty Yes	struction hips tha	ns. Use one line fo	r each er	ial relationships (regardless of amo ntity; add as many lines as you need a 36 months prior to publication.	d by		
Name of Entity		Grant•	ersonal Fees	Non-Financial Support?	Other?	Comments			
•	cial Health and Education he key Research of China	<b>✓</b>				Grant 2019-WJ-03			
Natural Science Fund	lation of Fujian Province	<b>✓</b>				Grant 2019J01272			
Program for Changjia nnovative Research		<b>✓</b>							
pecial Funds of the Guiding Local Science Development	Central Government e and Technology	<b>✓</b>							
Scientific Research Ir Construction Prograr Jniversity		<b>✓</b>							

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### **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.

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