

#### 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.

#### 1. Identifying information.

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

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#### 4. Intellectual Property.

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

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Section 1. Identifying Inform	nation	
1. Given Name (First Name) Shuai	2. Surname (Last Name) Yu	3. Date 17-August-2020
4. Are you the corresponding author?	Yes 🖌 No	Corresponding Author's Name Baohong Yuan
5. Manuscript Title Near-infrared temperature-switchable	fluorescence nanoparticles	5
6. Manuscript Identifying Number (if you ki QIMS-20-797	now it)	
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Section 2. 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,
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Cancer Prevention & Research Institute of Texa	as 🖌	
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Patent?	Pending?	Issued?	Licensed?	Royalties?	Licensee?	Comments	
Systems and Methods for Thermometry and Theranostic Applications	$\checkmark$						

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Dr. Yu reports grants from Cancer Prevention & Research Institute of Texas, during the conduct of the study; In addition, Dr. Yu has a patent Systems and Methods for Thermometry and Theranostic Applications pending.

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Section 1. Identifying Inform	ation	
1. Given Name (First Name) Zhen	2. Surname (Last Name) Wang	3. Date 17-August-2020
4. Are you the corresponding author?	Yes 🖌 No	Corresponding Author's Name Baohong Yuan
5. Manuscript Title Near-infrared temperature-switchable f	luorescence nanoparticles	i
6. Manuscript Identifying Number (if you kn QIMS-20-797	ow it)	
Section 2. The Work Under Co	onsideration for Public	ation
any aspect of the submitted work (including statistical analysis, etc.)? Are there any relevant conflicts of intere	but not limited to grants, da est? 🖌 Yes 🗌 No	a third party (government, commercial, private foundation, etc.) for ta monitoring board, study design, manuscript preparation,
If yes, please fill out the appropriate info Excess rows can be removed by pressing		e more than one entity press the "ADD" button to add a row.
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1. Given Name (First Name)       2. Surname (Last Name)       3. Date         Tingfeng       Yao       17-August-2020         4. Are you the corresponding author?       Yes       No       Corresponding Author's Name         Baohong Yuan       5.       Manuscript Title       Baohong Yuan         5. Manuscript Title       No       Corresponding Author's Name         Manuscript Identifying Number (if you know it)       Old Score 797         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         Hyes, 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       Non-Financial       Other?       Comments         Support?       Other?       Comments       Support?       Comments       Support?       Comments         Section 3.       Relevant financial activities outside the submitted work.       Pl	Section 1. Identifying Inform	ation	
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Near-infrared temperature-switchable fluorescence nanoparticles         6. Manuscript Identifying Number (if you know it)         QIM5-20-797         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         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 Support?       Comments         ancer Prevention & Research Institute of Texas       Image: Support Sup	4. Are you the corresponding author?	Yes 🖌 No	
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Section 4. Intellectual Property - Patents & Convergets	Section 4		
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Patent?	Pending?	Issued?	Licensed?	Royalties?	Licensee?	Comments
Systems and Methods for Thermometry and Theranostic Applications	✓					filed
Ultrasound-switchable fluorescence imaging having improved imaging speed	$\checkmark$					filed
Significantly improving sensitivity of ultrasound-switchable fluorescence technique for high-resolution, deep tissue, and dynamic imaging	$\checkmark$					Disclosure is approved for filing a patent and current it is under preparation

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1. Given Name (Fi Baohong	rst Name)	2. Surname (Last Na Yuan	me)		3. Date 17-August-2020
4. Are you the cor	responding author?	✓ Yes No			
5. Manuscript Title Near-infrared ter	e mperature-switchable fl	uorescence nanopa	rticles		
6. Manuscript Ider QIMS-20-797	ntifying Number (if you kn	ow it)			
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Are there any relevant conflicts of interest? Yes V No

# Section 4. Intellectual Property -- Patents & Copyrights

Do you have any patents, whether planned, pending or issued, broadly relevant to the work? 🖌 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.
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Patent?	Pending?	Issued?	Licensed?	Royalties?	Licensee?	Comments
Systems and Methods for high- resolution imaging		$\checkmark$				issued
Systems and Methods for Thermometry and Theranostic Applications	$\checkmark$					filed
Highly specific tissue imaging	$\checkmark$					filed
Multiple biomarkers imaging for high specificity	$\checkmark$					filed
Ultrasound-switchable fluorescence imaging having improved imaging speed	$\checkmark$					filed
Systems and Methods for surgical guidance in breast cancer surgery and lymph node dissection	$\checkmark$					filed
Significantly improving sensitivity of ultrasound-switchable fluorescence technique for high-resolution, deep tissue, and dynamic imaging	✓					Disclosure is approved for filing a patent and current it is under preparation

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