

#### **Instructions**

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

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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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Chen 1



Section 1. Identifying Inform	nation	
Given Name (First Name)  Sheng-Long	2. Surname (Last Name) Chen	3. Date 19-October-2020
4. Are you the corresponding author?	☐ Yes ✓ No	Corresponding Author's Name Wen-Qiang Jiang; Miao-Yun Wen
5. Manuscript Title JAK/STAT signaling pathway-mediated sphingosine-1-phosphate receptor 1 in 6. Manuscript Identifying Number (if you kr ATM-20-7024	septic rats	d blood-brain barrier impairment by targeting
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Section 4. Intellectual Proper	rty Patents & Copyric	ghts
Do you have any patents, whether plan	ned, pending or issued, br	roadly relevant to the work? Yes No

Chen 2



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Section 6. Disclosure Statement
Disclosure Statement
Based on the above disclosures, this form will automatically generate a disclosure statement, which will appear in the box below.
Dr. Chen has nothing to disclose.

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Cai 1



Section 1. Identifying Inform	mation	
1. Given Name (First Name) Geng-Xin	2. Surname (Last Name) Cai	3. Date 19-October-2020
4. Are you the corresponding author?	☐ Yes ✓ No	Corresponding Author's Name Wen-Qiang Jiang; Miao-Yun Wen
<ol><li>Manuscript Title JAK/STAT signaling pathway-mediated signaling pathway by targeting sphing</li></ol>	•	ed blood-brain barrier impairment through the JAK/STAT cor 1 in septic rats
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Cai 2



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Ding 1



Section 1.		
Identifying Inform	nation	
Given Name (First Name)  Hong-Guang	2. Surname (Last Name) Ding	3. Date 19-October-2020
4. Are you the corresponding author?	☐ Yes 🗸 No	Corresponding Author's Name Wen-Qiang Jiang; Miao-Yun Wen
5. Manuscript Title JAK/STAT signaling pathway-mediated signaling pathway by targeting sphing	•	d blood-brain barrier impairment through the JAK/STAT
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Do you have any patents, whether plan	ned, pending or issued, br	oadly relevant to the work? Yes Vo

Ding 2



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Liu 1



Section 1. Identifying Inform	nation	
1. Given Name (First Name) Xin-Qiang	2. Surname (Last Name) Liu	3. Date 19-October-2020
4. Are you the corresponding author?	☐ Yes ✓ No	Corresponding Author's Name Wen-Qiang Jiang; Miao-Yun Wen
5. Manuscript Title JAK/STAT signaling pathway-mediated signaling pathway by targeting sphing	•	d blood-brain barrier impairment through the JAK/STAT or 1 in septic rats
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Liu 2



Section 5.	
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1 Wang



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Wang 2



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patent

Jing 1



Section 1. Identifying Inforn	nation	
1. Given Name (First Name) Yuan-Wen	2. Surname (Last Name) Jing	3. Date 19-October-2020
4. Are you the corresponding author?	Yes 🗸 No	Corresponding Author's Name Wen-Qiang Jiang; Miao-Yun Wen
5. Manuscript Title JAK/STAT signaling pathway-mediated signaling pathway by targeting sphing		d blood-brain barrier impairment through the JAK/STAT or 1 in septic rats
6. Manuscript Identifying Number (if you ki ATM-20-7024	now it)	_
Section 2. The Work Under C		
The Work Under C	onsideration for Public	cation
	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 descr	ibed in the instructions. Us port 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 tre present during the 36 months prior to publication.
Section 4. Intellectual Prope	rty Patents & Copyri	ghts
Do you have any patents, whether plan	ned, pending or issued, br	roadly relevant to the work? Yes V No

Jing 2



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Han 1



Section 1.	Identifying Inform	ation				
1. Given Name (First Name) Yong-Li		2. Surname (Last Name) Han	3. Date 19-October-2020			
4. Are you the corresponding author?		Yes ✓ No	Corresponding Author's Name Wen-Qiang Jiang; Miao-Yun Wen			
5. Manuscript Title JAK/STAT signaling pathway-mediated microRNA-181b promoted blood-brain barrier impairment through the JAK/STAT signaling pathway by targeting sphingosine-1-phosphate receptor 1 in septic rats 6. Manuscript Identifying Number (if you know it)						
ATM-20-7024			-			
Section 2.	The Work Under Co	onsideration for Public	ation			
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Section 4.	Intellectual Proper	ty Patents & Copyri <u>c</u>	ihts			
Do you have any			oadly relevant to the work? Yes V No			

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Relationships not covered above					
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Jiang 1



Section 1. Identifying Inform	nation					
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4. Are you the corresponding author?	✓ Yes No					
<ol> <li>Manuscript Title         JAK/STAT signaling pathway-mediated microRNA-181b promoted blood-brain barrier impairment through the JAK/STAT signaling pathway by targeting sphingosine-1-phosphate receptor 1 in septic rats     </li> <li>Manuscript Identifying Number (if you know it)         ATM-20-7024     </li> </ol>						
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	ned, pending or issued, broadly relevant to the work	x?				

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Wen 1



Section 1.	Identifying Inform	ation			
Given Name (First Name) Miao-Yun		2. Surname (Last Name) Wen		3. Date 19-October-2020	
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<ul> <li>5. Manuscript Title         JAK/STAT signaling pathway-mediated microRNA-181b promoted blood-brain barrier impairment through the JAK/STAT signaling pathway by targeting sphingosine-1-phosphate receptor 1 in septic rats     </li> <li>6. Manuscript Identifying Number (if you know it)         ATM-20-7024     </li> </ul>					
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Section 4.	Intellectual Proper	ty Pate	nts & Copyrights		
Do you have any	patents, whether planr	ned, pendir	ng or issued, broadly	relevant to the work	? ☐ Yes ✓ No

Wen 2



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