

#### Instructions

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Section 1.	Identifying Infor	mation	
1. Given Name (Fi Qingyu	irst Name)	2. Surname (Last Name) Xu	3. Date 04-July-2019
4. Are you the corresponding author?		Yes 🖌 No	Corresponding Author's Name Jianping Gu
•			ces phosphoinositide-3 kinase/protein kinase B signaling to
6. Manuscript Ide	ntifying Number (if you	know it)	

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🖌 No

Are there any relevant conflicts of interest?	Yes
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Are there any relevant conflicts of interest?	Yes	$\checkmark$	No
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Do you have any patents, whether planned, pending or issued, broadly relevant to the work?	Yes	🖌 No	
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Dr. Xu has nothing to disclose.

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1. Given Name (Fin Guowen	rst Name)	2. Surname (Last Name) Yin	-	. Date 14-July-2019	
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1. Given Name (First Name) Jianping		2. Surname (Last Name) Gu	3. Date 04-July-2019		
4. Are you the corresponding author?		✓ Yes No			

5. Manuscript Title

Hepatocellular carcinoma serum derived exosomal HIF-1a induces phosphoinositide-3 kinase/protein kinase B signaling to induce the angiogenesis and proliferation of HCC

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