(Must be completed and signed by ALL auth	nors)		
Please check all that apply			
New author(s) have been added (in addition to this form, all new authors must complete the copyright transfer agreement and conflict of interest disclosure.			
Change in order of authorship.			
An author wishes to remove his/her name and a letter signed by the author should accomp	e. An author's name may only be removed his pany this form	/her own request	
Manuscript Number STROKE/2017/020356R1			
Manuscript Title Thalidomide Reduces Hemore	hage of Brain Arteriovenous Malformations in a	a Mouse Model	
Former Authorship			
Please list ALL AUTHORS in the same order a	as the original submission. For more than 12,	use an extra sheet.	
Print Name	Print Name		
_{Name (1)} Wan Zhu	Name (7) Daniel Saw		
Name (2) Wanqiu Chen	Name (8) Sen Wang		
Name (3) Dingquan Zou Name (9) Ethan Winkler		-	
Name (4) Liang Wang Name (10) Zhengxi Li			
Name (5) Chen Bao Name (11) Meng Zhang			
Name (6) Lei Zhan	Name (6) Lei Zhan Name (12) Fanxia Shen		
New Authorship All authors must sign below agreeing to the cha authorship order of the manuscript.	anges in authorship. The authorship order mus	st reflect the	
_{Name (1)} Wan Zhu	Signature	Date 2/17/18	
Name (2) Wanqin Chan	Signature Wanffin Chen	Date 2/19/18	
Name (3) Dingquan Zou	Signature	Date	
Name (4) Liang wang	Signature	Date	
Name (5) Chen Bao	Signature	Date	
Name (6) Lei Zhan	Signature	Date	
Name (7) Daniel Saw	Signature	Date	
Name (8) San Wang	Signature	Date	
Name (9) Ethan Winkler	Signature	Date	
Name (10) Zhengxi Li	Signature	Date	
Name (11) Meng Zhang	Signature	Date	
Name (12) Fanxia Shen	Signature June	Date 2/20/10	
	-	- 1 0	

Please scan and email to stroke@strokeahajournal.org.

Change of Authorship Form

(Must be completed and signed by ALL authors)

Please check all that apply	
New author(s) have been added (in a transfer agreement and conflict of interest	addition to this form, all new authors must complete the copyright disclosure.
Change in order of authorship.	
An author wishes to remove his/her and a letter signed by the author should ac	name. An author's name may only be removed his/her own request
Manuscript Number STROKE/2017/020356R1	
Manuscript Title Thalidomide Reduces He	emorrhage of Brain Arteriovenous Malformations in a Mouse Model
Former Authorship Please list ALL AUTHORS in the same of Print Name	rder as the original submission. For more than 12, use an extra sheet. Print Name
Wan Zhu	Daniel Saw
Name (2) Wangiu Chen	Name (7) Daillei Saw Name (8) Sen Wang
Name (3) Dingquan Zou Name (9) Ethan Winkler	
Name (4) Liang Wang Name (10) Zhengxi Li	
Name (5) Chen Bao Name (11) Meng Zhang	
Name (6) Lei Zhan	Name (12) Fanxia Shen
New Authorship	
All authors must sign below agreeing to the authorship order of the manuscript.	he changes in authorship. The authorship order must reflect the

Name (1) Wan Zhu	Signature	Date 2/17/18
Name (2) Wanqin Chan	Signature	Date
Name (3) Dingquan Zou	Signature Dingquan Zore	Date 2/19/18
Name (4) Liang wang	Signature	Date
Name (5) Chen Bao	Signature	Date
Name (6) Lei Zhan	Signature	Date
Name (7) Daniel Saw	Signature	Date
Name (8) San Wang	Signature	Date
Name (9) Ethan Winkler	Signature	Date
Name (10) Zhengxi Li	Signature	Date
Name (11) Meng Zhang	Signature	Date
Name (12) Fanxia Shen	Signature	Date

Change of Authorship Form		
(Must be completed and signed by	ALL authors)	,
Please check all that apply		
New author(s) have been added transfer agreement and conflict of interest and conflict of intere	d (in addition to this form, all new authors mus terest disclosure.	t complete the copyright
Change in order of authorship.		
An author wishes to remove hi and a letter signed by the author shou	s/her name. An author's name may only be remald accompany this form	noved his/her own request
Manuscript Number_STROKE/2017/020356F	R1	
Manuscript Title_Thalidomide Reduc	ces Hemorrhage of Brain Arteriovenous Malforma	ations in a Mouse Model
Former Authorship		
Please list ALL AUTHORS in the sa	me order as the original submission. For more	than 12, use an extra sheet.
Print Name	Print Name	
Name (1) Wan Zhu	Name (7) Daniel Saw	1
Name (2) Wanqiu Chen	Name (8) Sen Wang	
Name (3) Dingquan Zou	Name (9) Ethan Winkler	
Name (4) Liang Wang	Name (10) Zhengxi Li	
Name (5) Chen Bao	Name (11) Meng Zhang	
Name (6) Lei Zhan	Name (12) Fanxia Shen	
New Authorship All authors must sign below agreeing authorship order of the manuscript.	g to the changes in authorship. The authorship of	order must reflect the
Name (1) Wan Zhu	Signature	Date
Name (2) Wanqin Chan	Signature	Date
Name (3) Dingquan Zou	Signature	Date
Name (4) Liang wang	Signature Ding Wax	Date 2. W. >
Name (5) Chen Bao	Signature	Date
Name (6) Lei Zhan	Signature	Date
Name (7) Daniel Saw	Signature	Date
Name (8) San Wang	Signature	Date
Name (9) Ethan Winkler	Signature	Date
Name (10) Zhengxi Li	Signature	Date
Name (11) Meng Zhang	Signature	Date

Signature _

Signature _

Date_

Date

Please scan and email to stroke@strokeahajournal.org.

Name (12) Fanxia Shen

(Must be completed and signed by ALL authors)

Please check all that apply		
New author(s) have been added transfer agreement and conflict of int	d (in addition to this form, all new authors erest disclosure.	s must complete the copyright
Change in order of authorship.		
An author wishes to remove hi and a letter signed by the author show	s/her name. An author's name may only be ld accompany this form	e removed his/her own request
Manuscript Number STROKE/2017/020356F	1 _	
Manuscript Title Thalidomide Reduc	es Hemorrhage of Brain Arteriovenous Mal	formations in a Mouse Model
Former Authorship		
Please list ALL AUTHORS in the sa	me order as the original submission. For n	more than 12, use an extra sheet.
Print Name	Print Name	
Name (1) Wan Zhu	Name (7) Daniel S	Saw
\	Name (8) Sen Wang	
Name (3) Dingquan Zou		ler
Name (4) Liang Wang	Name (10) Zhengxi Li	
Name (5) Chen Bao	Name (11) Meng Zhar	ng
Name (6) Lei Zhan	Name (12) Fanxia Shen	
New Authorship		
All authors must sign below agreeing authorship order of the manuscript.	to the changes in authorship. The authors	ship order must reflect the
Name (1) Wan Zhu	Signature	Date
Name (2) Wanqin Chan	Signature	
Name (3) Dingquan Zou	Signature	Date
Name (4) Liang wang	Signature 7	Date
Name (5) Chen Bao	Signature / Signature	Date OZ II 2018
Name (6) Lei Zhan	Signature	
Name (7) Daniel Saw	Signature	
Name (8) San Wang	Signature	
Name (9) Ethan Winkler	Signature	
Name (10) Zhengxi Li	Signature	
Name (11) Meng Zhang	Signature	
Name (12) Fanxia Shen	Signature	

(Must be completed and signed by ALL authors)

Please check all that apply
New author(s) have been added (in addition to this form, all new authors must complete the copyright transfer agreement and conflict of interest disclosure.
Change in order of authorship.
An author wishes to remove his/her name. An author's name may only be removed his/her own request and a letter signed by the author should accompany this form
Manuscript Number STROKE/2017/020356R1
Manuscript Title Thalidomide Reduces Hemorrhage of Brain Arteriovenous Malformations in a Mouse Model

Former Authorship

Please list ALL AUTHORS in the same order as the original submission. For more than 12, use an extra sheet.

Print Name	Print Name
Name (1) Wan Zhu	Name (7) Daniel Saw
Name (2) Wanqiu Chen	Name (8) Sen Wang
Name (3) Dingquan Zou	Name (9) Ethan Winkler
Name (4) Liang Wang	Name (10) Zhengxi Li
Name (5) Chen Bao	Name (11) Meng Zhang
Name (6) Lei Zhan	Name (12) Fanxia Shen

New Authorship

All authors must sign below agreeing to the changes in authorship. The authorship order must reflect the authorship order of the manuscript.

Name (1) Wan Zhu	Signature	Date
Name (2) Wanqin Chan	Signature	Date
Name (3) Dingquan Zou	Signature	Date
Name (4) Liang wang	Signature	Date
Name (5) Chen Bao	Signature	Date
Name (6) Lei Zhan	Signature	Date 2/19/18
Name (7) Daniel Saw	Signature	Date
Name (8) San Wang	Signature	Date
Name (9) Ethan Winkler	Signature	Date
Name (10) Zhengxi Li	Signature	Date
Name (11) Meng Zhang	Signature	Date
Name (12) Fanxia Shen	Signature	Date

(Must be completed and signed by ALL authors)

Please check all that apply		
New author(s) have been added transfer agreement and conflict of int	d (in addition to this form, all new authors terest disclosure.	must complete the copyright
Change in order of authorship.		
An author wishes to remove hi and a letter signed by the author shou	is/her name. An author's name may only be ald accompany this form	removed his/her own request
Manuscript Number STROKE/2017/020356F	₹1	
	— ces Hemorrhage of Brain Arteriovenous Malfo	ormations in a Mouse Model
Manuscript Title		
Former Authorship		
•		
Please list ALL AUTHORS in the sa	ame order as the original submission. For m	nore than 12, use an extra sheet.
Print Name	Print Name	
Name (1) Wan Zhu	Name (7) Daniel S	Saw
Name (2) Wanqiu Chen	Name (8) Sen Wang	
Name (3) Dingquan Zou	Name (9) Ethan Winkl	er
Name (4) Liang Wang	Name (10) Zhengxi Li	
Name (5) Chen Bao	Name (11) Meng Zhan	ng
Name (6) Lei Zhan		
New Authorship		
All authors must sign below agreeing authorship order of the manuscript.	g to the changes in authorship. The authors	hip order must reflect the
Name (1) Wan Zhu	Signature	Date
Name (2) Wanqin Chan	Signature	Date
Name (3) Dingquan Zou	Signature	
Name (4) Liang wang	Signature	Date
Name (5) Chen Bao	Signature	Date
Name (6) Lei Zhan	Signature	Date
Name (7) Daniel Saw	Signature Dayl Som	Date 2-19-18
Name (8) San Wang	Signature	Date
Name (9) Ethan Winkler	Signature	Date
Name (10) Zhengxi Li	Signature	Date

Signature

Signature

Date___

Please scan and email to stroke@strokeahajournal.org.

Name (11) Meng Zhang

Name (12) Fanxia Shen

Change of Authorship Form (Must be completed and signed by ALL authors) Please check all that apply New author(s) have been added (in addition to this form, all new authors must complete the copyright transfer agreement and conflict of interest disclosure. Change in order of authorship. An author wishes to remove his/her name. An author's name may only be removed his/her own request and a letter signed by the author should accompany this form Manuscript Number STROKE/2017/020356R1 Manuscript Title Thalidomide Reduces Hemorrhage of Brain Arteriovenous Malformations in a Mouse Model Former Authorship Please list ALL AUTHORS in the same order as the original submission. For more than 12, use an extra sheet. **Print Name Print Name** _{Name (1)} Wan Zhu Name (7) Daniel Saw Name (2) Wanqiu Chen Name (8) Sen Wang Name (3) Dingquan Zou Name (9) Ethan Winkler Name (4) Liang Wang Name (10) Zhengxi Li Name (5) Chen Bao Name (11) Meng Zhang Name (6) Lei Zhan Name (12) Fanxia Shen New Authorship All authors must sign below agreeing to the changes in authorship. The authorship order must reflect the authorship order of the manuscript. Name (1) Wan Zhu Signature Date Name (2) Wanqin Chan Signature Date Name (3) Dingquan Zou Signature Date Name (4) Liang wang Signature Date Name (5) Chen Bao Signature Date Name (6) Lei Zhan Signature Date Name (7) Daniel Saw Signature Date Name (8) San Wang Signature Sin Way Date 2/18

Signature ____

Signature

Signature

Signature

Date

Date

Date

Date

Please scan and email to stroke@strokeahajournal.org.

Name (9) Ethan Winkler

Name (11) Meng Zhang

Name (12) Fanxia Shen

Name (10) Zhengxi Li

Change of Authorship For		
(Must be completed and signed	by ALL authors)	
Please check all that apply		
New author(s) have been a transfer agreement and conflict o	added (in addition to this form, all new authors of interest disclosure.	s must complete the copyright
Change in order of authors		
An author wishes to remove and a letter signed by the author	ve his/her name. An author's name may only b should accompany this form	e removed his/her own request
Manuscript Number STROKE/2017/0	20356R1	
Manuscript Title Thalidomide R	Reduces Hemorrhage of Brain Arteriovenous Mal	formations in a Mouse Model
Former Authorship		
	he same order as the original submission. For	more than 12, use an extra sheet.
Print Name	Print Name	
Name (1) Wan Zhu	Name (7) Daniel	Saw
Name (2) Wanbqiu Chen	Name (8) Sen Wang	
Name (3) Dingquan Zou	Name (9) Ethan Winl	kler
Name (4) Liang Wang	Name (10) Zhengxi Li	
Name (5) Chen Bao	Name (11) Meng Zha	ang
Name (6) Lei Zhan	Name (12) Fanxia She	n .
All authors must sign below agr	reeing to the changes in authorship. The authoript.	rship order must reflect the
All authors must sign below agr authorship order of the manuscr	ript.	Date
All authors must sign below agr authorship order of the manuscr Name (1)	ript. Signature	Date
All authors must sign below agr authorship order of the manuscr Name (1)Name (2)	ript. Signature	Date Date
All authors must sign below agrauthorship order of the manuscr Name (1) Name (2) Name (3)	ript Signature Signature Signature	Date
All authors must sign below agrauthorship order of the manuscr Name (1) Name (2) Name (3) Name (4)	ript Signature Signature Signature	DateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDate
All authors must sign below agrauthorship order of the manuscr Name (1) Name (2) Name (3) Name (4) Name (5)	Signature	DateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDateDate
All authors must sign below agrauthorship order of the manuscr Name (1)	ript. Signature Signature Signature Signature Signature Signature Signature	Date
All authors must sign below agrauthorship order of the manuscr Name (1) Name (2) Name (3) Name (4) Name (5) Name (6) Name (7)	Signature Sign	Date Date Date Date Date Date Date Date
All authors must sign below agrauthorship order of the manuscr Name (1) Name (2) Name (3) Name (4) Name (5) Name (6) Name (7) Name (8)	Signature Sign	Date
All authors must sign below agrauthorship order of the manuscr Name (1) Name (2) Name (3) Name (4) Name (5) Name (6) Name (7) Name (8) Name (9)	Signature Sign	Date Date Date Date Date Date Date Date
authorship order of the manuscr Name (1)	Signature	Date Date Date Date Date Date Date Date

(Must be completed and sign	ed by ALL authors)	
Please check all that apply		
New author(s) have been transfer agreement and conflic	n added (in addition to this form, all new authors of interest disclosure.	ors must complete the copyright
Change in order of author	orship.	
	nove his/her name. An author's name may only or should accompany this form	be removed his/her own request
Manuscript Number		
Manuscript Title		
Former Authorship		
Please list ALL AUTHORS in	the same order as the original submission. For	r more than 12, use an extra sheet.
Print Name	Print Name	
Name (1)	Name (7)	
Name (2)		
Name (3)		
Name (4)	Name (10)	
Name (5)		
Name (6)		
New Authorship		
All authors must sign below as	greeing to the changes in authorship. The auth	orshin order must reflect the
authorship order of the manusc		orsing order must reflect the
•	•	_
Name (1)	9	Date
Name (2)		
Name (3)	_	
Name (4)		
Name (5)		
Name (6)	<u> </u>	
Name (7)		
Name (8)		
Name (9)		Date
Name (10)		Date Z/vo/2018
Name (11)	<u> </u>	
Name (12)	Signature	Date

(Must be completed and signed by ALL authors)

Please check all that apply

New author(s) have been added (in addition to this form, all new authors must complete the copyright transfer agreement and conflict of interest disclosure.

Change in order of authorship.

An author wishes to remove his/her name. An author's name may only be removed his/her own request and a letter signed by the author should accompany this form

Manuscript Number STROKE/2017/020356R1

Manuscript Title Thalidomide Reduces Hemorrhage of Brain Arteriovenous Malformations in a Mouse Model

Former Authorship

Please list ALL AUTHORS in the same order as the original submission. For more than 12, use an extra sheet.

Print Name	Print Name
Name (1) Wan Zhu	Name (7) Daniel Saw
Name (2) Wanqiu Chen	Name (8) Sen Wang
Name (3) Dingquan Zou	Name (9) Ethan Winkler
Name (4) Liang Wang	Name (10) Zhengxi Li
Name (5) Chen Bao	Name (11) Meng Zhang
Name (6) Lei Zhan	Name (12) Fanxia Shen

New Authorship

All authors must sign below agreeing to the changes in authorship. The authorship order must reflect the authorship order of the manuscript.

Name (1) Wan Zhu	Signature	Date
Name (2) Wanqin Chan	Signature	Date
Name (3) Dingquan Zou	Signature	Date
Name (4) Liang wang	Signature	Date
Name (5) Chen Bao	Signature	Date
Name (6) Lei Zhan	Signature	Date
Name (7) Daniel Saw	Signature	Date
Name (8) San Wang	Signature	Date
Name (9) Ethan Winkler	Signature	Date
Name (10) Zhengxi Li	Signature	Date
Name (11) Meng Zhang	Signature My My	_Date_2/20/18
Name (12) Fanxia Shen	Signature	Date

Change of Authorship Form (Must be completed and signed by ALL authors) Please check all that apply New author(s) have been added (in addition to this form, all new authors must complete the copyright transfer agreement and conflict of interest disclosure. Change in order of authorship. An author wishes to remove his/her name. An author's name may only be removed his/her own request and a letter signed by the author should accompany this form Manuscript Number STROKE/2017/020356 Manuscript Title Thalidomide Reduces Hemorrhage of Brain Arteriovenous Malformations in a Mouse Model Former Authorship Please list ALL AUTHORS in the same order as the original submission. For more than 12, use an extra sheet. **Print Name Print Name** Name (1) Michael Lawton Name (7) _____ Name (2) Hua Su (Corresponding author) Name (8) Name (3) Name (9) Name (4) ______ Name (10) _____ Name (5) ______ Name (11) _____ Name (6) Name (12) **New Authorship** All authors must sign below agreeing to the changes in authorship. The authorship order must reflect the authorship order of the manuscript. Name (1) Sonali Shaligram Name (2) Michael Lawton Name (3) Hua Su (Corresponding Aughor) Signature Signature Function Date 2/20/1 Name (4) ______ Signature _____ Date Name (5) ______ Signature ____ Date Date Name (6) ______ Signature _____ Name (7) ______ Signature _____ Date Name (8) ______ Signature ____ Date Name (9) ______ Date_____ Name (10) ______ Date _____