Calithera Biosciences, Inc. Form SC 13G/A February 14, 2018

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Schedule 13G/A

INFORMATION TO BE INCLUDED IN STATEMENTS PURSUANT TO RULES 13d-1(b),(c) AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO 13d-2 UNDER THE SECURITIES EXCHANGE ACT OF 1934\*

(Amendment No. 2)

Calithera Biosciences, Inc. (Name of Issuer)

Common stock, \$0.0001 par value per share (Title of Class of Securities)

13089P101 (CUSIP Number)

December 31, 2017 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- [ ] Rule 13d-1(b)
- [X] Rule 13d-1(c)
- [ ] Rule 13d-1(d)

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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CUSIP No. 13089P101

- (1) NAME OF REPORTING PERSON
  S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON
  Viking Global Investors LP
- (2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP
- (a) [ ]
- (b) [x]

<sup>\*</sup> The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

(3)	SEC (	JSE O	NLY		
(4)	CITIZ		IP OR PLACE OF ORGANIZATION		
NUMBER OF		(5)	SOLE VOTING POWER 0		
SHARES					
BENEFICIA OWNED BY	LLY	(6)	SHARED VOTING POWER 1,643,681		
		(7)	COLE DISPOSITATIVE DOWNER		
EACH REPORTING		(7)	SOLE DISPOSITIVE POWER 0		
PERSON WI	TH	(8)	SHARED DISPOSITIVE POWER 1,643,681		
(9)		ACH R	AMOUNT BENEFICIALLY OWNED EPORTING PERSON		
(10)			IF THE AGGREGATE AMOUNT ) EXCLUDES CERTAIN SHARES		[ ]
(11)			F CLASS REPRESENTED IN ROW (9)		
(12)	TYPE PN	OF R	EPORTING PERSON		
Schedule	13G/A			PAGE 3	of 18
CUSIP No.	13089	9P101			
(1)	S.S.	OR I	EPORTING PERSON .R.S. IDENTIFICATION NO. OF ABOVE PERSON obal Performance LLC		
(2)	CHECK	THE	APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) (b)	[x]
(3)	SEC (	JSE C	NLY		
(4)	CITI2 Delav		IP OR PLACE OF ORGANIZATION		
NUMBER OF		(5)	SOLE VOTING POWER		
SHARES					

BENEFICIALI	LY (6)		
OWNED BY		1,155,894	
EACH	(7)		
REPORTING		0	
PERSON WITH	(8) H	SHARED DISPOSITIVE POWER 1,155,894	
·		E AMOUNT BENEFICIALLY OWNED REPORTING PERSON 4	
		X IF THE AGGREGATE AMOUNT 9) EXCLUDES CERTAIN SHARES	[ ]
·		OF CLASS REPRESENTED IT IN ROW (9)	
	TYPE OF	REPORTING PERSON	
7	NAME OF S.S. OR	REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON Clobal Equities LP  E APPROPRIATE BOX IF A MEMBER OF A GROUP	PAGE 4 of 18  (a) [] (b) [x]
(3)	SEC USE	ONLY	
,	CITIZENS Delaware	HIP OR PLACE OF ORGANIZATION	
NUMBER OF	(5)	SOLE VOTING POWER	
SHARES		0	
BENEFICIALI	LY (6)	SHARED VOTING POWER 394,158	
OWNED BY			
EACH	(7)	SOLE DISPOSITIVE POWER 0	
REPORTING			
PERSON WITH	(8) H	SHARED DISPOSITIVE POWER 394,158	

(9)		ACH R	AMOUNT BENEFICIALLY OWNED EPORTING PERSON		
(10)			IF THE AGGREGATE AMOUNT ) EXCLUDES CERTAIN SHARES		[ ]
(11)			F CLASS REPRESENTED IN ROW (9)		
(12)	TYPE PN	OF R	EPORTING PERSON		
Schedule	13G/A			PAGE 5	of 18
CUSIP No.	13089	9P101			
(1)	S.S.	OR I	EPORTING PERSON .R.S. IDENTIFICATION NO. OF ABOVE PERSON obal Equities II LP		
(2)	CHECK	THE	APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) (b)	
(3)	SEC U	JSE O	NLY		
(4)	CITI2 Delav		IP OR PLACE OF ORGANIZATION		
NUMBER OF	•	(5)	SOLE VOTING POWER		
BENEFICIA OWNED BY	LLY	(6)	SHARED VOTING POWER 23,120		
EACH REPORTING	;	(7)	SOLE DISPOSITIVE POWER 0		
PERSON WI	TH	(8)	SHARED DISPOSITIVE POWER 23,120		
(9)		ACH R	AMOUNT BENEFICIALLY OWNED EPORTING PERSON		
(10)			IF THE AGGREGATE AMOUNT ) EXCLUDES CERTAIN SHARES		[ ]
(11)			F CLASS REPRESENTED IN ROW (9)		

(12)	TYPE PN	OF F	REPORTING PERSON		
Schedule	13G/A			PAGE 6	of 18
CUSIP No.	13089	)P101	L		
(1)	S.S.	OR I	REPORTING PERSON  I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  Portfolio Ltd.		
(2)	CHEC	THE	APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) (b)	[ ] [x]
(3)	SEC U	JSE C	DNLY		
(4)			HIP OR PLACE OF ORGANIZATION		
NUMBER OF	1	(5)	SOLE VOTING POWER 0		
BENEFICIA OWNED BY	LLY	(6)	SHARED VOTING POWER 738,616		
EACH REPORTING	:	(7)	SOLE DISPOSITIVE POWER 0		
PERSON WI		(8)	SHARED DISPOSITIVE POWER 738,616		
(9)		ACH F	E AMOUNT BENEFICIALLY OWNED REPORTING PERSON		
(10)			( IF THE AGGREGATE AMOUNT B) EXCLUDES CERTAIN SHARES		[ ]
(11)			OF CLASS REPRESENTED TIN ROW (9)		
(12)	TYPE CO	OF F	REPORTING PERSON		
Schedule	13G/A			PAGE 7	of 18
CUSIP No.		)P101			

(1)	S.S.	OR I	REPORTING PERSON  T.R.S. IDENTIFICATION NO. OF ABOVE PERSON ong Fund GP LLC			
(2)	CHECH	K THE	APPROPRIATE BOX IF A MEMBER OF A GROUP	(a (b	) [x	
(3)	SEC U	JSE C	DNLY			
(4)	CITIZ		IIP OR PLACE OF ORGANIZATION			
NUMBER OF		(5)	SOLE VOTING POWER 0			
BENEFICIAL OWNED BY	LLY	(6)	SHARED VOTING POWER 487,787			
EACH REPORTING		(7)	SOLE DISPOSITIVE POWER 0			
PERSON WI	ГН	(8)	SHARED DISPOSITIVE POWER 487,787			
(9)		ACH R	AMOUNT BENEFICIALLY OWNED REPORTING PERSON			
(10)			( IF THE AGGREGATE AMOUNT D) EXCLUDES CERTAIN SHARES		[	]
(11)			OF CLASS REPRESENTED 'IN ROW (9)			
(12)	TYPE OO	OF R	REPORTING PERSON			
Schedule 3	13G/A			PAGE	8 of	18
CUSIP No.	13089	9P101				
(1)	S.S.	OR I	REPORTING PERSON  REPORTING PERSON  REPORTING PERSON  REPORTING PERSON  REPORTING PERSON  REPORTING PERSON  REPORTING PERSON			
(2)	CHEC	THE	APPROPRIATE BOX IF A MEMBER OF A GROUP	(a (b		-
(3)	SEC U	JSE C	NLY			

(4) CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands

NUMBER OF		(5)	SOLE VOTING POWER 0		
BENEFICIAI	LLY	(6)	SHARED VOTING POWER 487,787		
OWNED BY					
EACH		(7)	SOLE DISPOSITIVE POWER 0		
REPORTING					
PERSON WIT	ГН	(8)	SHARED DISPOSITIVE POWER 487,787		
(9)		CH R	AMOUNT BENEFICIALLY OWNED EPORTING PERSON		
(10)			IF THE AGGREGATE AMOUNT ) EXCLUDES CERTAIN SHARES		[ ]
(11)			F CLASS REPRESENTED IN ROW (9)		
(12)	TYPE CO	OF R	EPORTING PERSON		
Schedule 1		P101		PAGE 9 o	f 18
(1)	S.S.	OR I	EPORTING PERSON .R.S. IDENTIFICATION NO. OF ABOVE PERSON s Halvorsen		
(2)	CHECK	THE	APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) (b)	[ ] [x]
(3)	SEC U	JSE O	NLY		
(4)	CITIZ		IP OR PLACE OF ORGANIZATION		
NUMBER OF		(5)	SOLE VOTING POWER 0		
BENEFICIAL OWNED BY	LLY	(6)	SHARED VOTING POWER 1,643,681		

EACH		(7)	SOLE DISPOSITIVE POWER		
REPORTING			0		
PERSON WI	TH	(8)	SHARED DISPOSITIVE POWER 1,643,681		
(9)		ACH R	AMOUNT BENEFICIALLY OWNED EPORTING PERSON		
(10)			IF THE AGGREGATE AMOUNT ) EXCLUDES CERTAIN SHARES		[ ]
(11)			F CLASS REPRESENTED IN ROW (9)		
(12)	TYPE IN	OF R	EPORTING PERSON		
Schedule	13G/A			PAGE 10	of 18
CUSIP No.	13089	9P101			
(1)		OR I	EPORTING PERSON .R.S. IDENTIFICATION NO. OF ABOVE PERSON Ott		
(2)	CHEC	K THE	APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) (b)	[ ] [x]
(3)	SEC U	JSE O	NLY		
(4)	CITIZ Unite		IP OR PLACE OF ORGANIZATION ates		
NUMBER OF		(5)	SOLE VOTING POWER 0		
BENEFICIA OWNED BY	LLY	(6)	SHARED VOTING POWER 1,643,681		
EACH REPORTING		(7)	SOLE DISPOSITIVE POWER 0		
PERSON WI	ТН	(8)	SHARED DISPOSITIVE POWER 1,643,681		

(9)		CH R	AMOUNT BENEFICIALLY OWNED EPORTING PERSON		
(10)			IF THE AGGREGATE AMOUNT ) EXCLUDES CERTAIN SHARES		[ ]
(11)			F CLASS REPRESENTED IN ROW (9)		
(12)	TYPE IN	OF R	EPORTING PERSON		
Schedule	13G/A			PAGE 11	of 18
CUSIP No.	13089	P101			
(1)	S.S.	OR I	EPORTING PERSON .R.S. IDENTIFICATION NO. OF ABOVE PERSON habet		
(2)	CHECK	THE	APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) (b)	
(3)	SEC U	ISE O	NLY		
(4)	CITIZ Unite		IP OR PLACE OF ORGANIZATION ates		
NUMBER OF	,	(5)	SOLE VOTING POWER		
BENEFICIA OWNED BY	LLY	(6)	SHARED VOTING POWER 1,643,681		
EACH		(7)	SOLE DISPOSITIVE POWER		
REPORTING	ī				
PERSON WI	TH	(8)	SHARED DISPOSITIVE POWER 1,643,681		
(9)		CH R	AMOUNT BENEFICIALLY OWNED EPORTING PERSON		
(10)			IF THE AGGREGATE AMOUNT ) EXCLUDES CERTAIN SHARES		[ ]
(11)			F CLASS REPRESENTED IN ROW (9)		

4.6%

(12)	TYPE OF REPORTING PERSON
	IN

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CUSIP No. 13089P101

- ITEM 1(b). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES: 343 Oyster Point Blvd., Suite 200 South San Francisco, California 94080
- ITEM 2(a). NAME OF PERSON FILING:
   Viking Global Investors LP ("VGI"),
   Viking Global Performance LLC ("VGP"),
   Viking Global Equities LP ("VGE"),
   Viking Global Equities II LP ("VGEII"),
   VGE III Portfolio Ltd. ("VGEIII"),
   Viking Long Fund GP LLC ("VLFGP"),
   Viking Long Fund Master Ltd. ("VLFM"),
   O. Andreas Halvorsen, David C. Ott and
   Rose S. Shabet (collectively, the "Reporting Persons")
- ITEM 2(b). ADDRESS OF PRINCIPAL OFFICE OR, IF NONE, RESIDENCE:

  The business address of each of the Reporting Persons is

  55 Railroad Avenue, Greenwich, Connecticut 06830.
- ITEM 2(c). CITIZENSHIP:

  VGI, VGE and VGEII are Delaware limited partnerships;

  VGEIII and VLFM are Cayman Islands exempted companies; and

  VGP and VLFGP are Delaware limited liability companies.

  O. Andreas Halvorsen is a citizen of Norway.

  David C. Ott and Rose S. Shabet are citizens of the United States.
- ITEM 2(e). CUSIP NUMBER: 13089P101
- ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO 13d-1(b) OR 13d-2(b) OR (c), CHECK WHETHER THE PERSON FILING IS A:
  - (a) [ ] Broker or dealer registered under Section 15 of the  $$\operatorname{Act}$$
  - (b) [ ] Bank as defined in Section 3(a)(6) of the Act
  - (c) [ ] Insurance Company as defined in Section 3(a)(19) of the  $\operatorname{Act}$
  - (d) [ ] Investment Company registered under Section 8 of the Investment Company Act of 1940
  - (e) [ ] Investment Adviser registered under Section 203 of the

Investment Advisers Act of 1940: see Rule 13d1(b)(1)(ii)(E)

(f) [ ] Employee Benefit Plan, Pension Fund which is subject to the provisions of the Employee Retirement Income Security Act of 1974 or Endowment Fund; see Rule 13d-1(b)(1)(ii)(F)

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- (g) [ ] Parent Holding Company, in accordance with Rule 13d-1(b)(ii)(G)
- (h) [ ] Savings Associations as defined in Section 3(b) of the Federal Deposit Insurance Act
- (i) [ ] Church Plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940
- (j) [ ] A non-U.S. institution in accordance with Rule 240.13d-1 (b) (1) (ii) (J)
- (k) [] Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J), please specify the type of institution:

#### ITEM 4. OWNERSHIP.

#### A. VGI

- (a) Amount beneficially owned: 1,643,681
- (b) Percent of class: 4.6%
- (c) Number of shares as to which such person has:
  - (i) sole power to vote or to direct the vote  $\boldsymbol{0}$
  - (ii) shared power to vote or to direct the vote 1,643,681
  - (iii) sole power to dispose or to direct the disposition of  $\boldsymbol{0}$
  - (iv) shared power to dispose or to direct the disposition of 1,643,681

VGI provides managerial services to VGE, VGEII, VGEIII and VLFM. VGI has the authority to dispose of and vote the shares of Common Stock.

Based on Rule 13d-3 of the Securities Exchange Act of 1934, as amended (the "Act"), VGI may be deemed to beneficially own the shares of Common Stock directly held by VGE, VGEII, VGEIII and VLFM. VGI does not directly own any shares of Common Stock.

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- B. VGP
  - (a) Amount beneficially owned: 1,155,894
  - (b) Percent of class: 3.3%
  - (c) Number of shares as to which such person has:
    - (i) sole power to vote or to direct the vote  $\ensuremath{\text{O}}$
    - (ii) shared power to vote or to direct the vote 1,155,894
    - (iii) sole power to dispose or to direct the disposition of  $\boldsymbol{0}$
    - (iv) shared power to dispose or to direct the disposition of 1,155,894

VGP, as the general partner of VGE and VGEII, has the authority to dispose of and vote the shares of Common Stock directly owned by VGE and VGEII. VGP serves as investment manager to VGEIII and has the authority to dispose of and vote the shares of Common Stock directly owned by VGEIII. VGP does not directly own any shares of Common Stock.

Based on Rule 13d-3 of the Act, VGP may be deemed to beneficially own the shares of Common Stock directly held by VGE, VGEII and VGEIII.

#### C. VLFGP

- (a) Amount beneficially owned: 487,787
- (b) Percent of class: 1.4%
- (c) Number of shares as to which such person has:
  - (i) sole power to vote or to direct the vote  $\boldsymbol{0}$
  - (ii) shared power to vote or to direct the vote 487.787
  - (iii) sole power to dispose or to direct the disposition of  $\ensuremath{\text{0}}$
  - (iv) shared power to dispose or to direct the disposition of 487,787

VLFGP serves as the investment manager of VLFM and has the authority to dispose of and vote the shares of Common Stock directly owned by VLFM. VLFGP does not directly own any shares of Common Stock.

Based on Rule 13d-3 of the Act, VLFGP may be deemed to beneficially own the shares of Common Stock directly held by VLFM.

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#### D. VGE

- (a) Amount beneficially owned: 394,158
- (b) Percent of class: 1.1%
- (c) Number of shares as to which such person has:
  - (i) sole power to vote or to direct the vote  $\Omega$
  - (ii) shared power to vote or to direct the vote 394.158
  - (iii) sole power to dispose or to direct the disposition

of 0

(iv) shared power to dispose or to direct the disposition of 394,158

VGE has the authority to dispose of and vote the shares of Common Stock directly owned by it, which power may be exercised by its general partner, VGP, and by VGI, an affiliate of VGP, which provides managerial services to VGE.

#### E. VGEII

- (a) Amount beneficially owned: 23,120
- (b) Percent of class: 0.1%
- (c) Number of shares as to which such person has:
  - (i) sole power to vote or to direct the vote  $\boldsymbol{0}$
  - (ii) shared power to vote or to direct the vote 23,120
  - (iii) sole power to dispose or to direct the disposition of  $\boldsymbol{0}$
  - (iv) shared power to dispose or to direct the disposition of 23,120

VGEII has the authority to dispose of and vote the shares of Common Stock directly owned by it, which power may be exercised by its general partner, VGP, and by VGI, an affiliate of VGP, which provides managerial services to VGEII.

#### F. VGEIII

- (a) Amount beneficially owned: 738,616
- (b) Percent of class: 2.1%
- (c) Number of shares as to which such person has:
  - (i) sole power to vote or to direct the vote  $\boldsymbol{0}$
  - (ii) shared power to vote or to direct the vote 738,616
  - (iii) sole power to dispose or to direct the disposition of  $\boldsymbol{0}$
  - (iv) shared power to dispose or to direct the disposition of 738,616

VGEIII has the authority to dispose of and vote the shares of Common Stock directly owned by it, which power may be exercised by its investment manager, VGP, and by VGI, an affiliate of VGP, which provides managerial services to VGEIII. Viking Global Equities III Ltd. (a Cayman Islands exempted company) invests substantially all of its assets through VGEIII.

### G. VLFM

- (a) Amount beneficially owned: 487,787
- (b) Percent of class: 1.4%
- (c) Number of shares as to which such person has:
  - (i) sole power to vote or to direct the vote  $^{\circ}$
  - (ii) shared power to vote or to direct the vote 487,787
  - (iii) sole power to dispose or to direct the disposition of  $\boldsymbol{0}$
  - (iv) shared power to dispose or to direct the disposition of 487,787

VLFM has the authority to dispose of and vote the shares of Common Stock directly owned by it, which power may

be exercised by its investment manager, VLFGP, and by VGI, an affiliate of VLFGP, which provides managerial services to VLFM. Viking Long Fund LP (a Delaware limited partnership) and Viking Long Fund III Ltd. (a Cayman Islands exempted company), through its investment in Viking Long Fund Intermediate LP (a Cayman Islands limited partnership), invest substantially all of their assets through VLFM.

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#### CUSIP No. 13089P101

- H. O. Andreas Halvorsen, David C. Ott and Rose S. Shabet
  - (a) Amount beneficially owned: 1,643,681
  - (b) Percent of class: 4.6%
  - (c) Number of shares as to which such person has:
    - (i) sole power to vote or to direct the vote  $\ensuremath{^{\cap}}$
    - (ii) shared power to vote or to direct the vote 1,643,681
    - (iii) sole power to dispose or to direct the disposition of  $\ensuremath{\text{0}}$
    - (iv) shared power to dispose or to direct the disposition of 1,643,681

Mr. Halvorsen, Mr. Ott and Ms. Shabet, as Executive Committee Members of Viking Global Partners LLC, general partner of VGI ("VGPL"), VGP and VLFGP, have shared authority to dispose of and vote the shares of Common Stock beneficially owned by VGI, VGP and VLFGP. None of Mr. Halvorsen, Mr. Ott and Ms. Shabet directly owns any shares of Common Stock.

Based on Rule 13d-3 of the Act, each may be deemed to beneficially own the shares of Common Stock directly held by VGE, VGE II, VGEIII and VLFM.

- ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS.

  If this statement is being filed to report the fact that as of the date hereof the Reporting Persons has ceased to be the beneficial owner of more than five percent of the class of securities, check the following.[X]
- ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON. Not applicable.
- THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY.

  Not applicable.
- ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP. Not applicable.
- ITEM 9. NOTICE OF DISSOLUTION OF GROUP. Not applicable.
- ITEM 10. CERTIFICATION. (if filing pursuant to Rule 13d-1(c))

  By signing below each Reporting Person certifies that, to the best of its knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of

changing or influencing the control of the issuer of the securities and were not acquired and not held in connection with or as a participant in any transaction having that purpose or effect.

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SIGNATURES

After reasonable inquiry and to the best of our knowledge and belief, the undersigned certify that the information set forth in this statement is true, complete and correct.

DATED: February 14, 2018

/s/ O. ANDREAS HALVORSEN
By: O. Andreas Halvorsen - individually and
as an Executive Committee Member of
VIKING GLOBAL PERFORMANCE LLC, on behalf
of itself and VIKING GLOBAL EQUITIES LP,
VIKING GLOBAL EQUITIES II LP and VGE III PORTFOLIO LTD.,
and as an Executive Committee Member of
Viking Global Partners LLC, on behalf of
VIKING GLOBAL INVESTORS LP, and as
an Executive Committee Member of
VIKING LONG FUND GP LLC, on behalf of itself
and VIKING LONG FUND MASTER LTD.

/s/ DAVID C. OTT

By: David C. Ott - individually and
as an Executive Committee Member of

VIKING GLOBAL PERFORMANCE LLC, on behalf
of itself and VIKING GLOBAL EQUITIES LP,

VIKING GLOBAL EQUITIES II LP and VGE III PORTFOLIO LTD.,
and as an Executive Committee Member of

Viking Global Partners LLC, on behalf of

VIKING GLOBAL INVESTORS LP, and as
an Executive Committee Member of

VIKING LONG FUND GP LLC, on behalf of itself
and VIKING LONG FUND MASTER LTD.

/s/ ROSE S. SHABET
By: Rose S. Shabet - individually and
as an Executive Committee Member of
VIKING GLOBAL PERFORMANCE LLC, on behalf
of itself and VIKING GLOBAL EQUITIES LP,
VIKING GLOBAL EQUITIES II LP and VGE III PORTFOLIO LTD.,
and as an Executive Committee Member of
Viking Global Partners LLC, on behalf of
VIKING GLOBAL INVESTORS LP, and as
an Executive Committee Member of
VIKING LONG FUND GP LLC, on behalf of itself
and VIKING LONG FUND MASTER LTD.

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CUSIP No. 13089P101

#### EXHIBIT A - JOINT FILING AGREEMENT

This joint filing agreement is made and entered into as of this 10th day of July, 2017, by and among Viking Global Investors LP, Viking Global Performance LLC, Viking Global Equities LP, Viking Global Equities II LP, VGE III Portfolio Ltd., Viking Long Fund GP LLC, Viking Long Fund Master Ltd., O. Andreas Halvorsen, David C. Ott and Rose S. Shabet.

The parties hereby agree to jointly prepare and file a Schedule 13G with respect to Calithera Biosciences, Inc., as well as any amendments thereto, pursuant to the Securities Exchange Act of 1934, as amended.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the date first set forth above.

Dated: July 10, 2017

/s/ O. ANDREAS HALVORSEN
By: O. Andreas Halvorsen - individually and
as an Executive Committee Member of
VIKING GLOBAL PERFORMANCE LLC, on behalf
of itself and VIKING GLOBAL EQUITIES LP,
VIKING GLOBAL EQUITIES II LP and VGE III PORTFOLIO LTD.,
and as an Executive Committee Member of
Viking Global Partners LLC, on behalf of
VIKING GLOBAL INVESTORS LP, and as
an Executive Committee Member of
VIKING LONG FUND GP LLC, on behalf of itself
and VIKING LONG FUND MASTER LTD.

/s/ DAVID C. OTT

By: David C. Ott - individually and
as an Executive Committee Member of

VIKING GLOBAL PERFORMANCE LLC, on behalf
of itself and VIKING GLOBAL EQUITIES LP,

VIKING GLOBAL EQUITIES II LP and VGE III PORTFOLIO LTD.,
and as an Executive Committee Member of

Viking Global Partners LLC, on behalf of

VIKING GLOBAL INVESTORS LP, and as
an Executive Committee Member of

VIKING LONG FUND GP LLC, on behalf of itself
and VIKING LONG FUND MASTER LTD.

/s/ ROSE S. SHABET
By: Rose S. Shabet - individually and
as an Executive Committee Member of
VIKING GLOBAL PERFORMANCE LLC, on behalf
of itself and VIKING GLOBAL EQUITIES LP,
VIKING GLOBAL EQUITIES II LP and VGE III PORTFOLIO LTD.,
and as an Executive Committee Member of
Viking Global Partners LLC, on behalf of
VIKING GLOBAL INVESTORS LP, and as
an Executive Committee Member of
VIKING LONG FUND GP LLC, on behalf of itself
and VIKING LONG FUND MASTER LTD.