SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, DC 20549

SCHEDULE 13D

Under the Securities Exchange Act of 1934

AMENDMENT NO. 6*

Arbutus Biopharma Corporation
(Name of Issuer)
Common Shares, no par value
(Title of Class of Securities)
03879J100
(CUSIP Number)
Andrew Genser
General Counsel
55 Railroad Avenue
Greenwich, Connecticut 06830
203-863-7050
(Name, Address and Telephone Number of Person
Authorized to Receive Notices and Communications)
July 10, 2019
(Date of Event which Requires Filing of this Statement)
If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of
§§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box. □
<i>Note</i> . Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See §240.13d-7 for other parties to

(Continued on following pages)

(Page 1 of 16 Pages)

* 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 disclosures provided in a prior cover page.

whom copies are to be sent.

The information required on 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*).

CU	SIP No. 03879J100	13D	Page 2 of 16 Pages						
111	NAMES OF REPORTING PERSONS Viking Global Investors LP								
2 (s	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) □ (b) □								
3 SEC	C USE ONLY								
	OURCE OF FUNDS (see instructions) O (See Item 3)								
5 CH	ECK IF DISCLOSURE OF LEGAL PROCE	EDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e)							
lb	ITIZENSHIP OR PLACE OF ORGANIZATI elaware	ON							
	7	SOLE VOTING POWER 0							
NII 13 /	8	SHARED VOTING POWER 0							
BEN	IBER OF SHARES EFICIALLY OWNED BY H REPORTING	SOLE DISPOSITIVE POWER 0							
PERS	SON WITH 10	SHARED DISPOSITIVE POWER 0							
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 0								
12	12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (see instructions)								
13	PERCENT OF CLASS REPRESENTED B 0%*	Y AMOUNT IN ROW (11)							
14	TYPE OF REPORTING PERSON PN								

CU	JSIP No. 03879J100		13D	Page 3 of 16 Pages					
111	NAMES OF REPORTING PERSONS Viking Global Performance LLC								
2 (9	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) □ (b) □								
3 SE	SEC USE ONLY								
	OURCE OF FUNDS (see instructions) O (See Item 3)								
5 CH	ECK IF DISCLOSURE OF LEGAL PRO	OCEE	DINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e)						
lb I	ITIZENSHIP OR PLACE OF ORGANIZ Pelaware	ZATIO	N						
			SOLE VOTING POWER 0						
NII IN	MBER OF SHARES	ю і	SHARED VOTING POWER 0						
BEN	EFICIALLY OWNED BY H REPORTING	9	SOLE DISPOSITIVE POWER 0						
PER	SON WITH	II U I	SHARED DISPOSITIVE POWER 0						
11	AGGREGATE AMOUNT BENEFICIA 0	LLY	OWNED BY EACH REPORTING PERSON						
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (see instructions)								
13	PERCENT OF CLASS REPRESENTE 0%*	D BY	AMOUNT IN ROW (11)						
14	TYPE OF REPORTING PERSON OO								

(CUSIP No. 03879J100	13D	Page 4 of 16 Pages								
1	NAMES OF REPORTING PERSONS Viking Global Equities LP										
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) (b) (b) (continued to the continued to the con										
3 5	SEC USE ONLY										
4	SOURCE OF FUNDS (see instructions) OO (See Item 3)										
5 (CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e)										
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware										
	0 8 SHA	E VOTING POWER RED VOTING POWER									
BI E	ACH REPORTING	E DISPOSITIVE POWER									
PE	ERSON WITH $\begin{bmatrix} 10 \\ 0 \end{bmatrix}$ SHA	RED DISPOSITIVE POWER									
11	AGGREGATE AMOUNT BENEFICIALL 0	Y OWNED BY EACH REPORTING PERSON									
12	12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (see instructions)										
13	PERCENT OF CLASS REPRESENTED B 0%*	Y AMOUNT IN ROW (11)									
14	TYPE OF REPORTING PERSON PN										

	CUSIP No. 03879J100		13D	Page 5 of 16 Pages								
1	NAMES OF REPORTING PERSO Viking Global Equities II LP	NAMES OF REPORTING PERSONS Viking Global Equities II LP										
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) □ (b) □											
	SEC USE ONLY											
	SOURCE OF FUNDS (see instruct OO (See Item 3)	ions)										
5	CHECK IF DISCLOSURE OF LEG.	AL PROCEE	EDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e)									
E	6 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware											
		7 SOLE 0	VOTING POWER									
	ANAMED OF SHAPES	8 SHAF	RED VOTING POWER									
I	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING	9 SOLE 0	E DISPOSITIVE POWER									
I	PERSON WITH	10 SHAF	RED DISPOSITIVE POWER									
1	AGGREGATE AMOUNT BENE 0	1 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 0										
1	12 CHECK BOX IF THE AGGREGA	2 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (see instructions)										
1	PERCENT OF CLASS REPRES: 0%*	ENTED BY	AMOUNT IN ROW (11)									
1	14 TYPE OF REPORTING PERSON PN	N										

C	USIP No. 03879J100		13D	Page 6 of 16 Pages			
11 1	NAMES OF REPORTING PERSONS VGE III Portfolio Ltd.						
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) □ (b) □						
3 S	EC USE ONLY						
	SOURCE OF FUNDS (see instruction OO (See Item 3)	ns)					
5 C	HECK IF DISCLOSURE OF LEGAI	L PROCE	EDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e)				
lb I	CITIZENSHIP OR PLACE OF ORG Cayman Islands	ANIZATI	ON				
	7 SC 0		SOLE VOTING POWER 0				
		8	SHARED VOTING POWER 0				
BEN	IBER OF SHARES EFICIALLY OWNED BY H REPORTING	9	SOLE DISPOSITIVE POWER 0				
PERS	SON WITH	10	SHARED DISPOSITIVE POWER 0				
11	AGGREGATE AMOUNT BEN 0	IEFIĊIAL	LY OWNED BY EACH REPORTING PERSON				
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (see instructions)						
13	PERCENT OF CLASS REPRE	SENTED	BY AMOUNT IN ROW (11)				
14	TYPE OF REPORTING PERSO	ON					

	CUSIP No. 03879J100		13D	Page 6 of 16 Pages				
1	NAMES OF REPORTING PERSONS Viking Global Equities Master Ltd.							
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) □ (b) □							
3	SEC USE ONLY							
4	SOURCE OF FUNDS (see instruction OO (See Item 3)	ıs)						
5	CHECK IF DISCLOSURE OF LEGAL	PROC	CEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e)					
6	CITIZENSHIP OR PLACE OF ORGA Cayman Islands	ANIZA	TION					
	7		SOLE VOTING POWER 0					
		8	SHARED VOTING POWER 0					
BI	UMBER OF SHARES ENEFICIALLY OWNED BY ACH REPORTING	9	SOLE DISPOSITIVE POWER 0					
	ERSON WITH	10	SHARED DISPOSITIVE POWER 0					
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 0							
12	12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (see instructions)							
13	PERCENT OF CLASS REPRESE 0%*	NTEC	BY AMOUNT IN ROW (11)					
14	TYPE OF REPORTING PERSON CO							

	CUSIP No. 03879J100		13D	Page 7 of 16 Pages			
1	NAMES OF REPORTING PERSONS Viking Long Fund GP LLC						
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) □ (b) □						
3 5	SEC USE ONLY						
4	SOURCE OF FUNDS (see instructions) OO (See Item 3)						
5 (CHECK IF DISCLOSURE OF LEGAL PROCEEI	DING	S IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e)				
6	CITIZENSHIP OR PLACE OF ORGANIZATIO Delaware	N					
	7		SOLE VOTING POWER 0				
		8	SHARED VOTING POWER 0				
ВІ	UMBER OF SHARES ENEFICIALLY OWNED BY ACH REPORTING	9	SOLE DISPOSITIVE POWER 0				
PE	ERSON WITH	10	SHARED DISPOSITIVE POWER 0				
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 0						
12	2 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (see instructions)						
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 0%*						
14	4 TYPE OF REPORTING PERSON OO						

CU	SIP No. 03879J100		13D	Page 8 of 16 Pages					
1	NAMES OF REPORTING PERSONS Viking Long Fund Master Ltd.								
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) □ (b) □								
3	SEC USE ONLY								
4	SOURCE OF FUNDS (see instr OO (See Item 3)	ruction	s)						
5	CHECK IF DISCLOSURE OF L	EGAL	PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) o	r 2(e)					
6	CITIZENSHIP OR PLACE OF Cayman Islands	ORGA	INIZATION						
		7	SOLE VOTING POWER 0						
		8	SHARED VOTING POWER 0						
BEN	IBER OF SHARES EFICIALLY OWNED BY H REPORTING	9	SOLE DISPOSITIVE POWER 0						
1	SON WITH	10	SHARED DISPOSITIVE POWER 0						
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 0								
12	2 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (see instructions)								
13	PERCENT OF CLASS REPR 0%*	ESEN	TED BY AMOUNT IN ROW (11)						
14	TYPE OF REPORTING PERSON CO								

CU	SIP No. 03879J100		13D	Page 9 of 16 Pages				
	NAMES OF REPORTING PERSONS Viking Global Opportunities GP LLC							
(1)	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) \Box (b) \Box							
3 SE	C USE ONLY							
	OURCE OF FUNDS (see instructions) OO (See Item 3)							
5 CF	IECK IF DISCLOSURE OF LEGAL PROC	EEI	DINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e)					
lb I	ITIZENSHIP OR PLACE OF ORGANIZA Delaware	TIO	N					
		7	SOLE VOTING POWER 0					
		8	SHARED VOTING POWER 0					
BEN	IBER OF SHARES EFICIALLY OWNED BY H REPORTING	9	SOLE DISPOSITIVE POWER 0					
PER	SON WITH	10	SHARED DISPOSITIVE POWER 0					
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 0							
12	2 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (see instructions)							
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 0%*							
14	TYPE OF REPORTING PERSON OO							

CU	SIP No. 03879J100		13D	Page 10 of 16 Pages			
	NAMES OF REPORTING PERSONS Viking Global Opportunities Portfolio GP LLC						
	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) □ (b) □						
3 SE	C USE ONLY						
141	OURCE OF FUNDS (see instructions) OO (See Item 3)						
5 CF	IECK IF DISCLOSURE OF LEGAL PRO	OCE	EDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e)				
10	CITIZENSHIP OR PLACE OF ORGANIZ Delaware	ZATI	ON				
	7		SOLE VOTING POWER 0				
		8	SHARED VOTING POWER 0				
BEN	MBER OF SHARES EFICIALLY OWNED BY CH REPORTING	9	SOLE DISPOSITIVE POWER 0				
	SON WITH	10	SHARED DISPOSITIVE POWER 0				
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 0						
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (see instructions)						
13	PERCENT OF CLASS REPRESENTE 0%*	DΒ	Y AMOUNT IN ROW (11)				
14	TYPE OF REPORTING PERSON OO						

CU	ISIP No. 03879J100		13D	Page 11 of 16 Pages			
	NAMES OF REPORTING PERSONS Viking Global Opportunities Illiquid Investments Sub-Master LP						
	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) □ (b) □						
3 SE	C USE ONLY						
141	OURCE OF FUNDS (see instructions) OO (See Item 3)						
5 CF	IECK IF DISCLOSURE OF LEGAL PRO	OCE	EDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e)				
lb I	CITIZENSHIP OR PLACE OF ORGANIZ Cayman Islands	ZATI	ION				
	7		SOLE VOTING POWER 0				
		8	SHARED VOTING POWER 0				
BEN	MBER OF SHARES EFICIALLY OWNED BY CH REPORTING	9	SOLE DISPOSITIVE POWER 0				
	SON WITH	10	SHARED DISPOSITIVE POWER 0				
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 0						
12	2 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (see instructions)						
13	PERCENT OF CLASS REPRESENTE 0%*	DΒ	Y AMOUNT IN ROW (11)				
14	TYPE OF REPORTING PERSON PN						

CU	JSIP No. 03879J100		13D	Page 12 of 16 Pages			
111	NAMES OF REPORTING PERSONS O. Andreas Halvorsen						
2 (CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) □ (b) □						
3 SE	3 SEC USE ONLY						
141	SOURCE OF FUNDS (see instructions) OO (See Item 3)						
5 CF	5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e)						
10	CITIZENSHIP OR PLACE OF ORGANIZATION Norway						
		7	SOLE VOTING POWER 0				
		8	SHARED VOTING POWER 0				
BEN	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		SOLE DISPOSITIVE POWER 0				
			SHARED DISPOSITIVE POWER 0				
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 0						
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (see instructions)						
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 0%*						
14	TYPE OF REPORTING PERSON IN						

C	USIP No. 03879J100		13D	Page 13 of 16 Pages				
11 1	NAMES OF REPORTING PERSONS David C. Ott							
	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) □ (b) □							
3 S	SEC USE ONLY							
	SOURCE OF FUNDS (see instructions) OO (See Item 3)							
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e)							
lh I	CITIZENSHIP OR PLACE OF ORGANIZATION United States							
		1/ 1	SOLE VOTING POWER 0					
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING		8	IARED VOTING POWER					
		19	SOLE DISPOSITIVE POWER 0 SHARED DISPOSITIVE POWER 0					
PER	PERSON WITH							
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 0							
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (see instructions)							
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 0%*							
14	TYPE OF REPORTING PERSON IN							

(CUSIP No. 03879J100	13D	Page 14 of 16 Pages						
1	NAMES OF REPORTING PERSONS Rose S. Shabet								
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) □ (b) □								
3 5	SEC USE ONLY								
4	SOURCE OF FUNDS (see instructions) OO (See Item 3)								
5 (CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e) □								
6	CITIZENSHIP OR PLACE OF ORGANIZATION United States								
1 '	7 8 JMBER OF SHARES	SOLE VOTING POWER 0 SHARED VOTING POWER 0 SOLE DISPOSITIVE POWER							
E.A	ENEFICIALLY OWNED BY ACH REPORTING	0							
PERSON WITH		SHARED DISPOSITIVE POWER 0							
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 0								
12	2 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (see instructions)								
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 0%*								
14	TYPE OF REPORTING PERSON IN								

EXPLANATORY NOTE

Pursuant to Rule 13d-2 of the Securities Exchange Act of 1934, as amended, this Amendment No. 6 to the Schedule 13D amends certain items of the Schedule 13D filed with the Securities and Exchange Commission (the "SEC") on June 13, 2016 (the "Schedule 13D") relating to the Common Shares, no par value (the "Common Shares"), of Arbutus Biopharma Corporation (the "Issuer"). This Amendment No. 6 to the Schedule 13D constitutes an exit filing for the Reporting Persons. Due to changes in the internal governance of Roivant Sciences Ltd. ("Roivant") relating to Roivant's dispositive power over the Common Shares, the Reporting Persons are no longer deemed to beneficially own the Common Shares directly owned by Roivant. Roivant's ownership of the Issuer's Common Shares remains unchanged and this filing is not being made as a result of the purchase or sale of Common Shares of the Issuer by any party, including the Reporting Persons. All capitalized terms contained herein but not otherwise defined shall have the meanings ascribed to such terms in the Schedule 13D.

Item 3. Source and Amount of Funds or Other Consideration

The information set forth in the Explanatory Note is hereby incorporated herein by reference.

Item 4. Purpose of Transaction

The information set forth in the Explanatory Note is hereby incorporated herein by reference.

Item 5. Interest in Securities of the Issuer

The information set forth in the Explanatory Note is hereby incorporated herein by reference.

Item 5(a) of the Schedule 13D is hereby amended and restated as follows:

"On July 10, 2019, the board of directors of Roivant adopted changes to Roivant's internal governance concerning the disposition of the Common Shares and other matters relating to oversight of Roivant's business and governance. Following the amendments adopted on July 10, 2019, disposition of the Common Shares requires either the approval of a majority of Roivant's board, including (i) at least two directors meeting certain independence criteria (each, an "Independent Director" and, collectively, the "Independent Directors") or, (ii) if there is only one Independent Director, that sole Independent Director. Andrew Lo and Patrick Machado are currently Independent Directors of Roivant. However, the vote of a majority of Roivant's shareholders holding 5% or more of Roivant's shares (other than Vivek Ramaswamy) may override certain decisions of Roivant's board of directors, including with respect to dispositions of Common Shares. As a result of these changes, the Reporting Persons and other major shareholders of Roivant no longer have the individual right to veto dispositive decisions of Roivant's board of directors regarding disposition of the Common Shares, and so have ceased to have beneficial ownership of the Common Shares directly owned by Roivant."

Item 5(e) of the Schedule 13D is hereby amended and restated as follows:

"On July 10, 2019, each of the Reporting Persons ceased to the beneficial owner of more than five percent of the Common Shares."

Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer

The information set forth in the Explanatory Note is hereby incorporated herein by reference.

SIGNATURE

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: July 12, 2019

By:/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, VGE III PORTFOLIO LTD. and VIKING GLOBAL EQUITIES MASTER 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., and as an Executive Committee Member of VIKING GLOBAL OPPORTUNITIES GP LLC, on behalf of itself and VIKING GLOBAL OPPORTUNITIES PORTFOLIO GP LLC and VIKING GLOBAL OPPORTUNITIES ILLIQUID INVESTMENTS SUBMASTER LP

By: /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, VGE III PORTFOLIO LTD. and VIKING GLOBAL EQUITIES MASTER 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., and as an Executive Committee Member of VIKING GLOBAL OPPORTUNITIES GP LLC, on behalf of itself and VIKING GLOBAL OPPORTUNITIES PORTFOLIO GP LLC and VIKING GLOBAL OPPORTUNITIES ILLIQUID INVESTMENTS SUBMASTER LP

By: /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, VGE III PORTFOLIO LTD. and VIKING GLOBAL EQUITIES MASTER 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., and as an Executive Committee Member of VIKING GLOBAL OPPORTUNITIES GP LLC, on behalf of itself and VIKING GLOBAL OPPORTUNITIES PORTFOLIO GP LLC and VIKING GLOBAL OPPORTUNITIES ILLIQUID INVESTMENTS SUBMASTER LP