UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

(Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b), (c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(b)

(Amendment No. 2)¹

Forward Pharma A/S (Name of Issuer)

(Name of Issuer)

Ordinary Shares, nominal value 0.10 DKK per share

(Title of Class of Securities)

34986J105

(CUSIP Number)

December 31, 2018

(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)

⊠ Rule 13d-1(c)

 $\Box \quad \text{Rule 13d-1(d)}$

¹ 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.

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*).

	TINC DEDCON		
INAME OF REPORTING PERSON			
Biotechnology Value Fund L.P.			
		(a) 🗵	
	KOTKINE DOM IT AT MEMBER OF A OKOOT	(a) ⊡ (b) □	
		(0) =	
SEC USE ONLY			
		,	
CITIZENSHIP OR	PLACE OF ORGANIZATION		
D.I.			
5	SOLE VOTING POWER		
	() shares		
6			
-			
	$8,494,376^{1}$		
7	SOLE DISPOSITIVE POWER		
8	SHARED DISPOSITIVE POWER		
	1		
AGGREGATE AM	IOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
0.404.0701			
CHECK BUX IF I	TE AGGREGALE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		
PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
$9.0\%^{1}$			
TYPE OF REPORT	TING PERSON		
PN			
	Biotechnolog CHECK THE APP SEC USE ONLY CITIZENSHIP OR Delaware 5 6 7 8 AGGREGATE AM 8,494,376 ¹ CHECK BOX IF T PERCENT OF CL 9.0% ¹ TYPE OF REPORT	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware 5 SOLE VOTING POWER 0 shares 0 6 SHARED VOTING POWER 8,494,376 ¹ 8 7 SOLE DISPOSITIVE POWER 0 shares 0 8 SHARED DISPOSITIVE POWER 8 SHARED DISPOSITIVE POWER 8 SHARED DISPOSITIVE POWER 8,494,376 ¹ AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 8,494,376 ¹ CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 9.0% ¹ TYPE OF REPORTING PERSON	

¹Includes 4,089,784 American Depositary Shares ("ADSs"), each of which represents two (2) Ordinary Shares of the Issuer.

1	NAME OF REPORTING PERSON			
	Biotechnology Value Fund II, L.P.			
2	CHECK THE APP	ROPRIATE BOX IF A MEMBER OF A GROUP	(a) ⊠	
			(b) 🗆	
3	SEC USE ONLY			
3	SEC USE UNLY			
4	CITIZENSHIP OR	PLACE OF ORGANIZATION		
	Delaware			
NUMBER OF	5	SOLE VOTING POWER		
SHARES				
BENEFICIALLY		0 shares		
OWNED BY EACH	6	SHARED VOTING POWER		
REPORTING				
PERSON WITH	7	6,507,411 ¹ SOLE DISPOSITIVE POWER		
PERSON WITH	/	SOLE DISPOSITIVE POWER		
		0 shares		
	8	SHARED DISPOSITIVE POWER		
	-			
		$6,507,411^1$		
9	AGGREGATE AM	IOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	,	
	6,507,411 ¹			
10	CHECK BOX IF T	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		
11	PERCENT OF CL	ASS REPRESENTED BY AMOUNT IN ROW (9)		
	$6.9\%^{1}$			
12	6.9% ¹ TYPE OF REPOR	TINC DEDSON		
	I I PE OF REPOR	THING FERSON		
	PN			
<u> </u>	,			

¹Includes 3,171,979 ADSs, each of which represents two (2) Ordinary Shares of the Issuer.

3

1 NAME OF REPORTING PERSON Biotechnology Value Trading Fund OS LP (a) Ø 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) Ø 3 SEC USE ONLY (b) □ 3 SEC USE ONLY (b) □ 4 CITIZENSHIP OR PLACE OF ORGANIZATION (b) □ Cayman Islands Cayman Islands (c) ○ NUMBER OF SHARES 5 SOLE VOTING POWER (c) ○ BENEFICIALLY 0 shares (c) ○ (c) ○ OWNED BY 6 SHARED VOTING POWER (c) ○ EACH 1,407,948 ¹ (c) ○ (c) ○ PERSON WITH 7 SOLE DISPOSITIVE POWER (c) ○ 1,407,948 ¹ (c) ○ (c) ○ (c) ○ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON (c) ○ (c) ○ 1,407,948 ¹ (c) ○ (c) ○ (c) ○ (c) ○ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) (c) ○ (c) ○ (c) ○ 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) (c) ○ (c) ○ (c) ○ 12 TYPE OF REPORTING PERSON<		.		
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) B 3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION 6 Cayman Islands 0 0 shares 0 0 shares 0 0 shares 0 0 shares 0 1.407,948 ¹ 7 SOLE DISPOSITIVE POWER 0 shares 0 0 1.407,948 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 10 CHECK DOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON	1	NAME OF REPO	RTING PERSON	
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) B 3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION 6 Cayman Islands 0 0 shares 0 0 shares 0 0 shares 0 0 shares 0 1.407,948 ¹ 7 SOLE DISPOSITIVE POWER 0 shares 0 0 1.407,948 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 10 CHECK DOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON				
3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands Cayman Islands NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH 5 SOLE VOTING POWER 6 SHARED VOTING POWER				
3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands Cayman Islands NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING 5 SOLE VOTING POWER ACH REPORTING 0 shares 0 9 6 SHARED DISPOSITIVE POWER 0 0 shares 0 8 SHARED DISPOSITIVE POWER 1407,948 ¹ 10 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON	2	CHECK THE API	PROPRIATE BOX IF A MEMBER OF A GROUP	
4 CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands Cayman Islands NUMBER OF SHARES BENEFICIALLY 5 SOLE VOTING POWER 0 shares 0 shares 0 PERSON WITH 7 SOLE DISPOSITIVE POWER 0 shares 0 0 shares 8 SHARED DISPOSITIVE POWER 1,407,948 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,407,948 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 1 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 1,5% ¹ 12 TYPE OF REPORTING PERSON				(b) 🗆
4 CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands Cayman Islands NUMBER OF SHARES BENEFICIALLY 5 SOLE VOTING POWER 0 shares 0 shares 0 PERSON WITH 7 SOLE DISPOSITIVE POWER 0 shares 0 0 shares 8 SHARED DISPOSITIVE POWER 1,407,948 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,407,948 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 1 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 1,5% ¹ 12 TYPE OF REPORTING PERSON				
Cayman Islands NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH 5 SOLE VOTING POWER 0 shares 0 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 0 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 1.5% ¹ 12 TYPE OF REPORTING PERSON	3	SEC USE ONLY		
Cayman Islands NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH 5 SOLE VOTING POWER 0 shares 0 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 0 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 1.5% ¹ 12 TYPE OF REPORTING PERSON				
Cayman Islands NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH 5 SOLE VOTING POWER 0 shares 0 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 0 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 1.5% ¹ 12 TYPE OF REPORTING PERSON				
NUMBER OF SHARES BENEFICIALLY 5 SOLE VOTING POWER 0 shares 0 shares OWNED BY EACH REPORTING 6 SHARED VOTING POWER 0 shares 1,407,948 ¹ PERSON WITH 7 SOLE DISPOSITIVE POWER 0 shares 0 8 SHARED DISPOSITIVE POWER 1,407,948 ¹ 1,407,948 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON	4	CITIZENSHIP OF	R PLACE OF ORGANIZATION	
NUMBER OF SHARES BENEFICIALLY 5 SOLE VOTING POWER 0 shares 0 shares OWNED BY EACH REPORTING 6 SHARED VOTING POWER 0 shares 1,407,948 ¹ PERSON WITH 7 SOLE DISPOSITIVE POWER 0 shares 0 8 SHARED DISPOSITIVE POWER 1,407,948 ¹ 1,407,948 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON				
SHARES 0 shares OWNED BY 6 EACH 1,407,948 ¹ PERSON WITH 7 SOLE DISPOSITIVE POWER 0 shares 8 SHARED DISPOSITIVE POWER 1,407,948 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON		Cayman Isla	ands	
BENEFICIALLY OWNED BY EACH REPORTING 0 shares 9 6 SHARED VOTING POWER 0 shares 0 shares 0 shares 1,407,948 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,407,948 ¹ 1 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON	NUMBER OF	5	SOLE VOTING POWER	
OWNED BY EACH REPORTING 6 SHARED VOTING POWER 1,407,948 ¹ 1,407,948 ¹ 0 shares 0 8 SHARED DISPOSITIVE POWER 1,407,948 ¹ 1 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON	SHARES			
EACH REPORTING PERSON WITH 1,407,948 ¹ 7 SOLE DISPOSITIVE POWER 0 shares 0 8 SHARED DISPOSITIVE POWER 1,407,948 ¹ 1 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,407,948 ¹ 1 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON	BENEFICIALLY		0 shares	
REPORTING PERSON WITH 1,407,948 ¹ 7 SOLE DISPOSITIVE POWER 0 shares 0 8 SHARED DISPOSITIVE POWER 1,407,948 ¹ 1,407,948 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,407,948 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON	OWNED BY	6	SHARED VOTING POWER	
PERSON WITH 7 SOLE DISPOSITIVE POWER 0 shares 0 shares 8 SHARED DISPOSITIVE POWER 1,407,948 ¹ 1,407,948 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,407,948 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 1.5% ¹ 12 TYPE OF REPORTING PERSON	EACH			
PERSON WITH 7 SOLE DISPOSITIVE POWER 0 shares 0 shares 8 SHARED DISPOSITIVE POWER 1,407,948 ¹ 1 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,407,948 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON	REPORTING		$1.407.948^{1}$	
0 shares 8 SHARED DISPOSITIVE POWER 1,407,948 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,407,948 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 1.5% ¹ 12 TYPE OF REPORTING PERSON	PERSON WITH	7		
8 SHARED DISPOSITIVE POWER 1,407,948 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,407,948 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 1.5% ¹ 12 TYPE OF REPORTING PERSON				
1,407,948 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,407,948 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 1.5% ¹ 12 TYPE OF REPORTING PERSON			0 shares	
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,407,948 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 1.5% ¹ 12 TYPE OF REPORTING PERSON		8	SHARED DISPOSITIVE POWER	
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,407,948 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 1.5% ¹ 12 TYPE OF REPORTING PERSON				
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,407,948 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 1.5% ¹ 12 TYPE OF REPORTING PERSON			$1.407.948^{1}$	
1,407,948 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 1.5% ¹ 12 TYPE OF REPORTING PERSON	9	AGGREGATE AN		
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES □ 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) □ 1.5% ¹ □ 12 TYPE OF REPORTING PERSON	5			
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES □ 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) □ 1.5% ¹ □ 12 TYPE OF REPORTING PERSON		1 407 0491		
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 1.5% ¹ 12 TYPE OF REPORTING PERSON	10		THE ACCDECATE AMOUNT IN DOW (0) EXCLUDES CEDTAIN SUADES	
1.5% ¹ 12 TYPE OF REPORTING PERSON	10		THE AGGREGATE AMOUNT IN ROW (9) EACLUDES CERTAIN SHARES	
1.5% ¹ 12 TYPE OF REPORTING PERSON				
1.5% ¹ 12 TYPE OF REPORTING PERSON	11	DEDCENTOECT	ASS DEDDESENTED BY AMOUNT IN DOW (0)	
12 TYPE OF REPORTING PERSON	11	FERCENT OF CL	$\mathbf{A} \mathbf{S} \mathbf{S} \mathbf{R} \mathbf{E} \mathbf{F} \mathbf{E} \mathbf{S} \mathbf{E} \mathbf{I} \mathbf{E} \mathbf{D} \mathbf{D} \mathbf{I} \mathbf{A} \mathbf{W} \mathbf{O} \mathbf{U} \mathbf{I} \mathbf{I} \mathbf{I} \mathbf{V} \mathbf{O} \mathbf{W} \left(\mathbf{S} \right)$	
12 TYPE OF REPORTING PERSON		1 =0/1		
PN	12	TYPE OF REPOR	ATING PERSON	
		DN		
		PN		

¹Represented by 703,974 ADSs, each of which represents two (2) Ordinary Shares of the Issuer.

1	NAME OF REPORTING PERSON		
	BVF Partners OS Ltd.		
2	CHECK THE APPR	OPRIATE BOX IF A MEMBER OF A GROUP	(a) ⊠
			(b) 🗆
3	SEC USE ONLY		
5			
4	CITIZENSHIP OR F	PLACE OF ORGANIZATION	
.	Cayman Island		
NUMBER OF	5	SOLE VOTING POWER	
SHARES BENEFICIALLY		0 shares	
OWNED BY	6	SHARED VOTING POWER	
EACH			
REPORTING		$1,407,948^{1}$	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
		0 shares	
	8	SHARED DISPOSITIVE POWER	
		1,407,948 ¹	
9	AGGREGATE AMC	OUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	1,407,948 ¹		
10		IE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
10		E AGOLOME MAGONI IN NOW (5) EACLODES CERTAIN SHARES	
11	PERCENT OF CLAS	SS REPRESENTED BY AMOUNT IN ROW (9)	
	$1.5\%^{1}$		
12	TYPE OF REPORTI	NG PERSON	
	CO		

¹ Represented by 703,974 ADSs, each of which represents two (2) Ordinary Shares of the Issuer.

1	NAME OF REPORTING PERSON			
	BVF Partners L.P.			
2	CHECK THE APP	PROPRIATE BOX IF A MEMBER OF A GROUP	(a) ⊠	
			(b) 🗆	
3	SEC USE ONLY			
5	SEC USE ONET			
4	CITIZENSHIP OF	R PLACE OF ORGANIZATION		
	Delaware			
NUMBER OF	5	SOLE VOTING POWER		
SHARES				
BENEFICIALLY OWNED BY	C.	0 shares SHARED VOTING POWER		
EACH	6	SHARED VOTING POWER		
REPORTING		$18,092,758^1$		
PERSON WITH	7	SOLE DISPOSITIVE POWER		
FERSON WITH	/	SOLE DISPOSITIVE POWER		
		0 shares		
	8	SHARED DISPOSITIVE POWER		
		18,092,758 ¹		
9	AGGREGATE AN	IOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	18,092,758 ¹			
10	CHECK BOX IF 7	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		
11				
11	PERCENT OF CL	ASS REPRESENTED BY AMOUNT IN ROW (9)		
	19.1% ¹			
12	TYPE OF REPOR	TINC BERSON		
12	I I FE OF KEPOK			
	PN, IA			
<u> </u>				

¹Includes 8,480,079 ADSs, each of which represents two (2) Ordinary Shares of the Issuer.

1	NAME OF REPOR	TING PERSON	
1			
	BVF Inc.		
2	CHECK THE APP	ROPRIATE BOX IF A MEMBER OF A GROUP	(a) 🗵
			(b) 🗆
3	SEC USE ONLY		
5	SEC USE UNLY		
4	CITIZENSHIP OR	PLACE OF ORGANIZATION	
NUMBER OF	Delaware 5	SOLE VOTING POWER	
SHARES	Э	SOLE VOTING POWER	
BENEFICIALLY		0 shares	
OWNED BY	6	SHARED VOTING POWER	
EACH			
REPORTING		18,092,758 ¹	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
		0 shares	
	8	SHARED DISPOSITIVE POWER	
		18,092,758 ¹	
9	AGGREGATE AM	OUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	18,092,758 ¹		
10		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
10			
11	PERCENT OF CLA	ASS REPRESENTED BY AMOUNT IN ROW (9)	
	19.1% ¹		
12	TYPE OF REPORT	TING PERSON	
14			
	CO		

¹Includes 8,480,079 ADSs, each of which represents two (2) Ordinary Shares of the Issuer.

7

1 NAME OF REPORTING PERSON Mark N. Lampert (a) (b) (b) (c) 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c						
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) (b) (b) (c) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	1	NAME OF REPORTING PERSON				
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) (b) (b) (c) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c						
3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION 4 CITIZENSHIP OR PLACE OF ORGANIZATION 9 SOLE VOTING POWER 0 shares 10 check box if the Acgregate Amount in Row (9) excludes certain shares 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON						
3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION United States United States NUMBER OF 5 SOLE VOTING POWER SHARES 0 shares 0 ØWNED BY 6 SHARED VOTING POWER EACH 18,092,758 ¹ 18,092,758 ¹ PERSON WITH 7 SOLE DISPOSITIVE POWER 0 shares 18,092,758 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES □ 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON	2	CHECK THE APPF	ROPRIATE BOX IF A MEMBER OF A GROUP			
4 CITIZENSHIP OR PLACE OF ORGANIZATION United States United States NUMBER OF SHARES BENEFICIALLY 5 SOLE VOTING POWER OWNED BY EACH REPORTING 6 SHARED VOTING POWER 0 SHARED VOTING POWER 0 0 18,092,758 ¹ 0 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 18,092,758 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 1 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 19,1% ¹ 12 TYPE OF REPORTING PERSON 1			(b) 🗆			
4 CITIZENSHIP OR PLACE OF ORGANIZATION United States United States NUMBER OF SHARES BENEFICIALLY 5 SOLE VOTING POWER OWNED BY EACH REPORTING 6 SHARED VOTING POWER 0 SHARED VOTING POWER 18,092,758 ¹ 0 shares 0 0 shares 0 8 SHARED DISPOSITIVE POWER 18,092,758 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 18,092,758 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 1 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 19,1% ¹ 12 TYPE OF REPORTING PERSON 19,1% ¹						
United States NUMBER OF SHARES 5 SOLE VOTING POWER BENEFICIALLY OWNED BY 6 SHARED VOTING POWER EACH REPORTING 18,092,758 ¹ - PERSON WITH 7 SOLE DISPOSITIVE POWER 0 shares - - 0 shares - - 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON - 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES - 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) - 12 TYPE OF REPORTING PERSON	3	SEC USE ONLY				
United States NUMBER OF SHARES 5 SOLE VOTING POWER BENEFICIALLY OWNED BY 0 shares						
United States NUMBER OF SHARES 5 SOLE VOTING POWER BENEFICIALLY OWNED BY 6 SHARED VOTING POWER EACH REPORTING 18,092,758 ¹ - PERSON WITH 7 SOLE DISPOSITIVE POWER 0 shares - - 0 shares - - 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON - 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES - 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) - 12 TYPE OF REPORTING PERSON	4	CITIZENSHIP OR 1	PLACE OF ORGANIZATION			
NUMBER OF SHARES BENEFICIALLY 5 SOLE VOTING POWER 0 shares 0 shares OWNED BY EACH REPORTING 6 SHARED VOTING POWER 0 shares 18,092,758 ¹ PERSON WITH 7 SOLE DISPOSITIVE POWER 0 shares 0 shares 8 SHARED DISPOSITIVE POWER 18,092,758 ¹ 18,092,758 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 18,092,758 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON						
NUMBER OF SHARES BENEFICIALLY 5 SOLE VOTING POWER 0 shares 0 shares OWNED BY EACH REPORTING 6 SHARED VOTING POWER 0 shares 18,092,758 ¹ PERSON WITH 7 SOLE DISPOSITIVE POWER 0 shares 0 shares 8 SHARED DISPOSITIVE POWER 18,092,758 ¹ 18,092,758 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 18,092,758 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON		United States				
BENEFICIALLY OWNED BY EACH REPORTING 0 shares PERSON WITH 6 SHARED VOTING POWER 18,092,758 ¹ 0 shares 0 shares 0 8 SHARED DISPOSITIVE POWER 18,092,758 ¹ 18,092,758 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON	NUMBER OF		SOLE VOTING POWER			
OWNED BY EACH REPORTING 6 SHARED VOTING POWER 18,092,758 ¹ 18,092,758 ¹ PERSON WITH 7 SOLE DISPOSITIVE POWER 0 shares 0 8 SHARED DISPOSITIVE POWER 18,092,758 ¹ 18,092,758 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON						
EACH REPORTING PERSON WITH 18,092,758 ¹ 7 SOLE DISPOSITIVE POWER 0 shares 0 shares 8 SHARED DISPOSITIVE POWER 18,092,758 ¹ 18,092,758 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 18,092,758 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON						
REPORTING PERSON WITH 18,092,758 ¹ 0 shares 0 shares 8 SHARED DISPOSITIVE POWER 18,092,758 ¹ 18,092,758 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 18,092,758 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 1 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON		6	SHARED VOTING POWER			
PERSON WITH 7 SOLE DISPOSITIVE POWER 0 shares 0 8 SHARED DISPOSITIVE POWER 18,092,758 ¹ 18,092,758 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 18,092,758 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON						
0 shares 8 SHARED DISPOSITIVE POWER 18,092,758 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 18,092,758 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON						
8 SHARED DISPOSITIVE POWER 18,092,758 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 18,092,758 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON	PERSON WITH	7	SOLE DISPOSITIVE POWER			
8 SHARED DISPOSITIVE POWER 18,092,758 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 18,092,758 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON			0 shares			
18,092,758 ¹ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 18,092,758 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON		0				
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 18,092,758 ¹ 10 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON		0	SHARED DISPOSITIVE POWER			
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 18,092,758 ¹ 10 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12 TYPE OF REPORTING PERSON			18 002 758 ¹			
18,092,758 ¹ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 19.1% ¹ 12 TYPE OF REPORTING PERSON	9	AGGREGATE AM				
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES □ 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) □ 19.1% ¹ □ 12 TYPE OF REPORTING PERSON	5					
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES □ 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) □ 19.1% ¹ □ 12 TYPE OF REPORTING PERSON		18 092 758 ¹				
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 19.1% ¹ 12 TYPE OF REPORTING PERSON	10		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES			
19.1% ¹ 12 TYPE OF REPORTING PERSON				—		
19.1% ¹ 12 TYPE OF REPORTING PERSON						
12 TYPE OF REPORTING PERSON	11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)				
12 TYPE OF REPORTING PERSON						
	12	TYPE OF REPORT	ING PERSON			
IN		IN				

¹Includes 8,480,079 ADSs, each of which represents two (2) Ordinary Shares of the Issuer.

Item 1(a).	Name of Issuer:
	Forward Pharma A/S, a Danish corporation (the "Issuer").
Item 1(b).	Address of Issuer's Principal Executive Offices:
	Østergade 24A, 1 st Floor 1100 Copenhagen K, Denmark
Item 2(a). Item 2(b). Item 2(c).	Name of Person Filing Address of Principal Business Office or, if None, Residence Citizenship
	Biotechnology Value Fund, L.P. ("BVF") 44 Montgomery St., 40 th Floor San Francisco, California 94104 Citizenship: Delaware
	Biotechnology Value Fund II, L.P. ("BVF2") 44 Montgomery St., 40 th Floor San Francisco, California 94104 Citizenship: Delaware
	Biotechnology Value Trading Fund OS LP ("Trading Fund OS") PO Box 309 Ugland House Grand Cayman, KY1-1104 Cayman Islands Citizenship: Cayman Islands
	BVF Partners OS Ltd. ("Partners OS") PO Box 309 Ugland House Grand Cayman, KY1-1104 Cayman Islands Citizenship: Cayman Islands
	BVF Partners L.P. ("Partners") 44 Montgomery St., 40 th Floor San Francisco, California 94104 Citizenship: Delaware
	BVF Inc. 44 Montgomery St., 40 th Floor San Francisco, California 94104 Citizenship: Delaware
	Mark N. Lampert ("Mr. Lampert") 44 Montgomery St., 40 th Floor San Francisco, California 94104 Citizenship: United States
	Each of the foregoing is referred to as a "Reporting Person" and collectively as the "Reporting Persons."

Item 2(d).	Title o	of Class of	of Securities:
	Ordinary Shares, nominal value 0.10 DKK per share (the "Shares").		
Item 2(e).	CUSI	P Numbe	er:
	34986	J105	
Item 3.	If This	s Statem	ent is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a:
		/x/	Not applicable.
	(a)	//	Broker or dealer registered under Section 15 of the Exchange Act.
	(b)	//	Bank as defined in Section 3(a)(6) of the Exchange Act.
	(c)	//	Insurance company as defined in Section 3(a)(19) of the Exchange Act.
	(d)	//	Investment company registered under Section 8 of the Investment Company Act.
	(e)	//	An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E).
	(f)	//	An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F).
	(h) // A savings association as defined in Section 3(b) of the Federal Deposit Insuran		A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G).
			A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act.
			A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act.
	(j)	//	Group, in accordance with Rule 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)	Amou	nt benef	icially owned:
			e of business on December 31, 2018 (i) BVF beneficially owned 8,494,376 Shares, (ii) BVF2 beneficially owned 6,507,411 i) Trading Fund OS beneficially owned 1,407,948 Shares.

Partners OS, as the general partner of Trading Fund OS, may be deemed to beneficially own the 1,407,948 Shares beneficially owned by Trading Fund OS.

Partners, as the general partner of BVF, BVF2, the investment manager of Trading Fund OS, and the sole member of Partners OS, may be deemed to beneficially own the 18,092,758 Shares beneficially owned in the aggregate by BVF, BVF2, Trading Fund OS, and certain Partners managed accounts (the "Partners Managed Accounts"), including 1,683,023 Shares, of which 514,342 are represented by ADSs, held in the Partners Managed Accounts.

BVF Inc., as the general partner of Partners, may be deemed to beneficially own the 18,092,758 Shares beneficially owned by Partners.

Mr. Lampert, as a director and officer of BVF Inc., may be deemed to beneficially own the 18,092,758 Shares beneficially owned by BVF Inc.

The foregoing should not be construed in and of itself as an admission by any Reporting Person as to beneficial ownership of any Shares owned by another Reporting Person. Partners OS disclaims beneficial ownership of the Shares beneficially owned by Trading Fund OS. Each of Partners, BVF Inc. and Mr. Lampert disclaims beneficial ownership of the Shares beneficially owned by BVF, BVF2, Trading Fund OS, and the Partners Managed Accounts, and the filing of this statement shall not be construed as an admission that any such person or entity is the beneficial owner of any such securities.

(b) Percent of class:

The following percentages are based on 94,700,000 Shares outstanding, which is the total number of Shares outstanding as of June 30, 2018, as reported in the Issuer's Report of foreign issuer on Form 6-K filed with the Securities and Exchange Commission on September 19, 2018.

As of the close of business on December 31, 2018 (i) BVF beneficially owned approximately 9.0% of the outstanding Shares, (ii) BVF2 beneficially owned approximately 6.9% of the outstanding Shares, (iii) Trading Fund OS beneficially owned approximately 1.5% of the outstanding Shares (iv) Partners OS may be deemed to beneficially own approximately 1.5% of the outstanding Shares, and (v) each of Partners, BVF Inc. and Mr. Lampert may be deemed to beneficially own approximately 19.1% of the outstanding Shares (approximately 1.8% of the outstanding Shares are held in the Partners Managed Accounts).

- (c) Number of shares as to which such person has:
- (i) Sole power to vote or to direct the vote

See Cover Pages Items 5-9.

(ii) Shared power to vote or to direct the vote

See Cover Pages Items 5-9.

(iii) Sole power to dispose or to direct the disposition of

See Cover Pages Items 5-9.

(iv) Shared power to dispose or to direct the disposition of

See Cover Pages Items 5-9.

Item 5.	Ownership of Five Percent or Less of a Class.
	Not Applicable.
Item 6.	Ownership of More than Five Percent on Behalf of Another Person.
	Partners, BVF Inc. and Mr. Lampert share voting and dispositive power over the Shares beneficially owned by BVF, BVF2, Trading Fund OS, and the Partners Managed Accounts.
Item 7.	Identification and Classification of the Subsidiary That Acquired the Security Being Reported on by the Parent Holding Company or Control Person.
	Not Applicable.
Item 8.	Identification and Classification of Members of the Group.
	See Exhibit 99.1 to the Schedule 13G filed by the Reporting Persons with the Securities and Exchange Commission on January 3, 2018.
Item 9.	Notice of Dissolution of Group.
	Not Applicable.
Item 10.	Certifications.
	By signing below each of the undersigned certifies that, to the best of its knowledge and belief, the securities referred to above were not

By signing below each of the undersigned 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 are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

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

Dated: February 14, 2019

BIOTECHNOLOGY VALUE FUND, L.P.

- By: BVF Partners L.P., its general partner
- By: BVF Inc., its general partner
- By: /s/ Mark N. Lampert

Mark N. Lampert President BVF INC.

By: /s/ Mark N. Lampert

Mark N. Lampert President

/s/ Mark N. Lampert MARK N. LAMPERT

BIOTECHNOLOGY VALUE FUND II, L.P.

- By: BVF Partners L.P., its general partner
- By: BVF Inc., its general partner
- By: /s/ Mark N. Lampert

Mark N. Lampert President

BVF PARTNERS L.P.

- By: BVF Inc., its general partner
- By: /s/ Mark N. Lampert Mark N. Lampert President

BVF PARTNERS OS LTD.

- By: BVF Partners L.P., its sole member
- By: BVF Inc., its general partner
- By: /s/ Mark N. Lampert Mark N. Lampert President

BIOTECHNOLOGY VALUE TRADING FUND OS LP

- By: BVF Partners L.P., its investment manager
- By: BVF Inc., its general partner
- By: /s/ Mark N. Lampert Mark N. Lampert President