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. 3)¹

ERYTECH Pharma S.A.

(Name of Issuer)

Ordinary Shares, nominal value €0.10 per share

(Title of Class of Securities)

29604W108

(CUSIP Number)

December 31, 2022

(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 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).

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.

1	NAME OF REPOR	TING PERSON	
		y Value Fund, L.P.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) 🖂		
			(b) 🗆
3	SEC USE ONLY		
4	CITIZENSHIP OR	PLACE OF ORGANIZATION	
	Delesses		
	Delaware 5	SOLE VOTING POWER	
NUMBER OF SHARES	5	SOLE VOTING POWER	
BENEFICIALLY		0	
OWNED BY	6	SHARED VOTING POWER	
EACH	0	SHARED VOTINGTOWER	
REPORTING		289,932 (1)	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
		0	
	8	SHARED DISPOSITIVE POWER	
		289,932 (1)	
9	AGGREGATE AM	OUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	289,932 (1)		
10	CHECK BOX IF T	HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
11	DEDCENT OF CL	ASS REPRESENTED BY AMOUNT IN ROW (9)	
11	PERCENT OF CLA	433 KERKESENTED BY AMOUNT IN KOW (9)	
	Less than 1%	(1)	
12	TYPE OF REPORT		
12			
	PN		

(1) Consists of 289,932 Shares (as defined below) underlying certain Warrants (as defined below). The Warrants are subject to the Beneficial Ownership Limitation (as defined below).

1	NAME OF REPOR	RTING PERSON	
	BVF I GP L		
2			(a) ⊠
			(b) 🗆
3	SEC USE ONLY		
5	SEC USE ONET		
4	CITIZENSHIP OR	R PLACE OF ORGANIZATION	
	Delaware		
NUMBER OF SHARES	5	SOLE VOTING POWER	
BENEFICIALLY		0	
OWNED BY	6	SHARED VOTING POWER	
EACH			
REPORTING		289,932 (1)	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
	8	0 SHARED DISPOSITIVE POWER	
	0	SHARED DISPOSITIVE POWER	
		289,932 (1)	
9	AGGREGATE AM	IOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	289,932 (1)		
10	CHECK BOX IF I	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
11	PERCENT OF CL	ASS REPRESENTED BY AMOUNT IN ROW (9)	
	Less than 1%		
12	TYPE OF REPOR	TING PERSON	
	00		
	00		

(1) Consists of 289,932 Shares underlying certain Warrants. The Warrants are subject to the Beneficial Ownership Limitation.

	†			
1	NAME OF REPO	RTING PERSON		
		gy Value Fund II, L.P.		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP		(a) 🗵	
			(b) 🗆	
3	SEC USE ONLY			
4	CITIZENSHIP OF	R PLACE OF ORGANIZATION		
	Delaware			
NUMBER OF	5	SOLE VOTING POWER		
SHARES				
BENEFICIALLY	C			
OWNED BY	6	SHARED VOTING POWER		
EACH REPORTING		200 267 (1)		
PERSON WITH	7	200,367 (1) SOLE DISPOSITIVE POWER		
FERSON WITH	/	SOLE DISPOSITIVE POWER		
		0		
	8	SHARED DISPOSITIVE POWER		
	0			
		200,367 (1)		
9	AGGREGATE AN	AOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
_				
	200,367 (1)			
10		THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		
11	PERCENT OF CL	ASS REPRESENTED BY AMOUNT IN ROW (9)		
	Less than 19			
12	TYPE OF REPOR	TING PERSON		
	PN			

(1) Consists of 200,367 Shares underlying certain Warrants. The Warrants are subject to the Beneficial Ownership Limitation.

1	NAME OF REPOR	RTING PERSON	
	BVF II GP L		_
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP		(a) 🗵
			(b) 🗆
2	CEC LICE ONLY		
3	SEC USE ONLY		
4	CITIZENSHIP OR	PLACE OF ORGANIZATION	
	Delaware		
NUMBER OF	5	SOLE VOTING POWER	
SHARES			
BENEFICIALLY		0	
OWNED BY	6	SHARED VOTING POWER	
EACH REPORTING		200.267(1)	
PERSON WITH	7	200,367 (1) SOLE DISPOSITIVE POWER	
I LINGON WITH	/	SOLE DISPOSITIVE FOWER	
		0	
	8	SHARED DISPOSITIVE POWER	
		200,367 (1)	
9	AGGREGATE AM	IOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	200.207.(1)		
10	200,367 (1)	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
10	CHECK DUA IF I	THE AGGREGATE AMOUNT IN ROW (9) EACLODES CERTAIN SHARES	
11	PERCENT OF CL	ASS REPRESENTED BY AMOUNT IN ROW (9)	
	Less than 1%		
12	TYPE OF REPOR	TING PERSON	
	00		

(1) Consists of 200,367 Shares underlying certain Warrants. The Warrants are subject to the Beneficial Ownership Limitation.

	<u>.</u>		
1	NAME OF REPOR	RTING PERSON	
		gy Value Trading Fund OS LP	
2			(a) 🗵
			(b) 🗆
3	SEC USE ONLY		
4	CITIZENSHIP OF	R PLACE OF ORGANIZATION	
-			
	Cayman Isla	nds	
NUMBER OF	5	SOLE VOTING POWER	
SHARES			
BENEFICIALLY		0	
OWNED BY	6	SHARED VOTING POWER	
EACH		24.022 (4)	
REPORTING		24,069 (1)	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
		0	
	8	SHARED DISPOSITIVE POWER	
	0		
		24,069 (1)	
9	AGGREGATE AM	IOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	24,069 (1)		
10	CHECK BOX IF T	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
11	DEDCENT OF CL		
11	PERCENT OF CL	ASS REPRESENTED BY AMOUNT IN ROW (9)	
	Less than 1%	6 (1)	
12	TYPE OF REPOR		
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	PN		
k	1		

(1) Consists of 24,069 Shares underlying certain Warrants. The Warrants are subject to the Beneficial Ownership Limitation.

1	NAME OF REPOR	TING PERSON	
	BVF Partners		
2			(a) 🗵
			(b) 🗆
3	SEC USE ONLY		
4		PLACE OF ORGANIZATION	
4	CITIZENSHIP OR	PLACE OF ORGANIZATION	
	Cayman Islaı	nds	
NUMBER OF	5	SOLE VOTING POWER	
SHARES	_		
BENEFICIALLY		0	
OWNED BY	6	SHARED VOTING POWER	
EACH			
REPORTING		24,069 (1)	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
	8	0 SHARED DISPOSITIVE POWER	
	ŏ	SHARED DISPOSITIVE POWER	
		24,069 (1)	
9	AGGREGATE AM	OUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
J J			
	24,069 (1)		
10		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
11	PERCENT OF CLA	ASS REPRESENTED BY AMOUNT IN ROW (9)	
	T (b	(1)	
10	Less than 1%		
12	TYPE OF REPORT	LING PERSUN	
	СО		
L			

(1) Consists of 24,069 Shares underlying certain Warrants. The Warrants are subject to the Beneficial Ownership Limitation.

1	NAME OF REPOR	RTING PERSON	
	BVF GP Hol		
2	CHECK THE APP	ROPRIATE BOX IF A MEMBER OF A GROUP	(a) 🗵
			(b) 🗆
3	SEC USE ONLY		
5	SEC USE ONLY		
4	CITIZENSHIP OR	PLACE OF ORGANIZATION	
	Delaware		
NUMBER OF	5	SOLE VOTING POWER	
SHARES			
BENEFICIALLY			
OWNED BY EACH	6	SHARED VOTING POWER	
REPORTING		490,299 (1)	
PERSON WITH	7	SOLE DISPOSITIVE POWER	· · · · · · · · · · · · · · · · · · ·
· ·			
		0	
	8	SHARED DISPOSITIVE POWER	
		490,299 (1)	
9	AGGREGATE AM	IOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	490,299 (1)		
10		THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
			—
11	PERCENT OF CL.	ASS REPRESENTED BY AMOUNT IN ROW (9)	
	1.6% (1)		
12	TYPE OF REPORT	TING PERSON	
	00		
	00		

(1) Consists of 490,299 Shares underlying certain Warrants. The Warrants are subject to the Beneficial Ownership Limitation.

1	NAME OF REPOR	RTING PERSON	
	BVF Partners		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP		(a) 🗵
			(b) 🗆
3	SEC USE ONLY		
4	CITIZENSHIP OR	PLACE OF ORGANIZATION	
	D I		
	Delaware		
NUMBER OF SHARES	5	SOLE VOTING POWER	
BENEFICIALLY		0	
OWNED BY	6	SHARED VOTING POWER	
EACH	0	SHARED VOTING FOWER	
REPORTING		517,242 (1)	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
	,		
		0	
	8	SHARED DISPOSITIVE POWER	
		517,242 (1)	
9	AGGREGATE AM	IOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	517,242 (1)		
10	CHECK BOX IF T	HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
11			
11	PERCENT OF CLA	ASS REPRESENTED BY AMOUNT IN ROW (9)	
	1.6% (1)		
12	TYPE OF REPORT	TING DEBSON	
12	I I FE OF KEPOK		
	PN, IA		
	,		

(1) Consists of 517,242 Shares underlying certain Warrants. The Warrants are subject to the Beneficial Ownership Limitation.

1	NAME OF REPO	RTING PERSON	
	BVF Inc.		
2			(a) 🗵
			(b) 🗆
3	SEC USE ONLY		
4	CITIZENSHIP OF	R PLACE OF ORGANIZATION	
	Delaware		
NUMBER OF	5	SOLE VOTING POWER	
SHARES	5	SOLE VOTING TOWER	
BENEFICIALLY		0	
OWNED BY	6	SHARED VOTING POWER	
EACH			
REPORTING		517,242 (1)	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
		0	
	8	SHARED DISPOSITIVE POWER	
		515.040 (1)	
9		517,242 (1) AOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
9	AGGREGALE AN	IUUNI BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	517,242 (1)		
10		THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
			—
11	PERCENT OF CL	ASS REPRESENTED BY AMOUNT IN ROW (9)	
	1.6% (1)		
12	TYPE OF REPOR	TING PERSON	
	CO		

(1) Consists of 517,242 Shares underlying certain Warrants. The Warrants are subject to the Beneficial Ownership Limitation.

1	NAME OF REPOR	RTING PERSON	
	Mark N. Lar		
2	CHECK THE APP	PROPRIATE BOX IF A MEMBER OF A GROUP	(a) 🗵
			(b) 🗆
3	SEC USE ONLY		
4	CITIZENSHIP OF	R PLACE OF ORGANIZATION	
	Linited State		
NUMBER OF	United States	SOLE VOTING POWER	
SHARES	5	SOLE VOTING POWER	
BENEFICIALLY		0	
OWNED BY	6	SHARED VOTING POWER	
EACH	0		
REPORTING		517,242 (1)	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
		0	
	8	SHARED DISPOSITIVE POWER	
		517,242 (1)	
9	AGGREGATE AM	IOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
10	517,242 (1)		
10	CHECK BOX IF T	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
11	DEDCENT OF CL	ASS REPRESENTED BY AMOUNT IN ROW (9)	
11	FERCENT OF CL	ASS REFRESENTED DI ANIOUNT IN KUW (9)	
	1.6% (1)		
12	TYPE OF REPOR	TING PERSON	
14			
	IN		
<u> </u>			

(1) Consists of 517,242 Shares underlying certain Warrants. The Warrants are subject to the Beneficial Ownership Limitation.

CUSIP No.	29604W108
Item 1(a).	Name of Issuer:
	ERYTECH Pharma S.A., a French corporation (the "Issuer").
Item 1(b).	Address of Issuer's Principal Executive Offices:
	Bâtiment Adénine 60 Avenue Rockefeller 69008 Lyon France
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., 40th Floor San Francisco, California 94104 Citizenship: Delaware
	BVF I GP LLC ("BVF GP") 44 Montgomery St., 40th Floor San Francisco, California 94104 Citizenship: Delaware
	Biotechnology Value Fund II, L.P. ("BVF2") 44 Montgomery St., 40th Floor San Francisco, California 94104 Citizenship: Delaware
	BVF II GP LLC ("BVF2 GP") 44 Montgomery St., 40th 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 GP Holdings LLC ("BVF GPH") 44 Montgomery St., 40th Floor San Francisco, California 94104 Citizenship: Delaware

BVF Partners L.P. ("Partners") 44 Montgomery St., 40th Floor San Francisco, California 94104 Citizenship: Delaware

CUSIP No. 29604W108					
	BVF Inc. 44 Montgomery St., 40th Floor San Francisco, California 94104 Citizenship: Delaware				
	Mark N. Lampert ("Mr. Lampert") 44 Montgomery St., 40th 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 of Cl	ass of Secu	rities:		
	Ordinary S	bhares, nomi	nal value €0.10 per share (the "Shares").		
Item 2(e).	CUSIP Number:				
	29604W10	8			
Item 3.	If This Sta	ntement is F	iled 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).		
	(g)	//	A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G).		
	(h)	//	A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act.		
	(i)	//	A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act.		
	(j)	//	A non-U.S. institution, in accordance with Rule 13d-1(b)(1)(ii)(J).		
	(k)	//	Group, in accordance with Rule 13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with Rule 13d-1(b)(1)(ii)(J), please specify the type of institution:		

Item 4. Ownership

(a) Amount beneficially owned:

The Reporting Persons hold 517,242 warrants (the "Warrants"), exercisable for an aggregate of 517,242 Shares. The Warrants have an exercise price of ξ 7.50 per share and expire on the second anniversary of the date of issuance. The Reporting Persons may not exercise any portion of the Warrants held by them to the extent that immediately prior to or after giving effect to such exercise, the Reporting Persons would own more than 4.99% of the outstanding Shares immediately after exercise, which percentage may be changed at the Reporting Persons' election to a higher or lower percentage not in excess of 9.99% upon sixty one (61) days' notice subject to the terms of the Warrants (the "Beneficial Ownership Limitation"). As of the close of business on December 31, 2022, the Beneficial Ownership Limitation does not limit the exercise of any of the Warrants held by the Reporting Persons.

As of the close of business on December 31, 2022, (i) BVF beneficially owned 289,932 Shares issuable upon the exercise of certain Warrants held by it, (ii) BVF2 beneficially owned 200,367 Shares issuable upon the exercise of certain Warrants held by it, and (iii) Trading Fund OS beneficially owned 24,069 Shares issuable upon the exercise of certain Warrants held by it.

BVF GP, as the general partner of BVF, may be deemed to beneficially own the 289,932 Shares beneficially owned by BVF.

BVF2 GP, as the general partner of BVF2, may be deemed to beneficially own the 200,367 Shares beneficially owned by BVF2.

Partners OS, as the general partner of Trading Fund OS, may be deemed to beneficially own the 24,069 Shares beneficially owned by Trading Fund OS.

BVF GPH, as the sole member of each of BVF GP and BVF2 GP, may be deemed to beneficially own the 490,299 Shares beneficially owned in the aggregate by BVF and BVF2.

Partners, as the investment manager of BVF, BVF2 and Trading Fund OS, and the sole member of Partners OS, may be deemed to beneficially own the 517,242 Shares beneficially owned in the aggregate by BVF, BVF2 and Trading Fund OS and held in a certain Partners managed account (the "Partners Managed Account"), including 2,874 Shares issuable upon the exercise of certain Warrants held in the Partners Managed Account.



BVF Inc., as the general partner of Partners, may be deemed to beneficially own the 517,242 Shares beneficially owned by Partners.

Mr. Lampert, as a director and officer of BVF Inc., may be deemed to beneficially own the 517,242 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. BVF GP disclaims beneficial ownership of the Shares beneficially owned by BVF. BVF2 GP disclaims beneficial ownership of the Shares beneficially owned by BVF2. Partners OS disclaims beneficial ownership of the Shares beneficially owned by BVF2. Partners OS disclaims beneficially owned by BVF2 and BVF2. Each of Partners, BVF Inc. and Mr. Lampert disclaims beneficial ownership of the Shares beneficially owned by BVF2 and Trading Fund OS and held in the Partners Managed Account, 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 a denominator that is the sum of (i) 31,018,553 Shares outstanding as of December 31, 2022, which is the total number of Shares outstanding according to monthly information disclosed on the Issuer's website, and (ii) certain or all of the 517,242 Shares issuable upon the exercise of the Warrants, as applicable.

As of the close of business on December 31, 2022, (i) BVF beneficially owned less than 1% of the outstanding Shares, (ii) BVF2 beneficially owned less than 1% of the outstanding Shares, (iii) Trading Fund OS beneficially owned less than 1% of the outstanding Shares, (iv) BVF GP may be deemed to beneficially own less than 1% of the outstanding Shares, (v) BVF2 GP may be deemed to beneficially own less than 1% of the outstanding Shares, (vi) BVF2 GP may be deemed to beneficially own less than 1% of the outstanding Shares, (vi) BVF2 GP may be deemed to beneficially own approximately 1.6% of the outstanding Shares and (viii) each of Partners, BVF Inc. and Mr. Lampert may be deemed to beneficially own approximately 1.6% of the outstanding Shares (less than 1% of the outstanding Shares are held in the Partners Managed Account).

- (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.

- Shared power to dispose or to direct the disposition of (iv) See Cover Pages Items 5-9. 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 have ceased to be the beneficial owner of more than five percent of the Shares, check the following [X]. Ownership of More than Five Percent on Behalf of Another Person. Item 6. Not Applicable. 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. Identification and Classification of Members of the Group. Item 8. See Exhibit 99.1 to the Schedule 13G filed with the Securities and Exchange Commission on March 10, 2021. 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 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, 2023

BIOTECHNOLOGY VALUE FUND, L.P.

By: BVF I GP LLC, its general partner

By: /s/ Mark N. Lampert Mark N. Lampert Chief Executive Officer

BVF I GP LLC

By: /s/ Mark N. Lampert Mark N. Lampert Chief Executive Officer

BIOTECHNOLOGY VALUE FUND II, L.P.

- By: BVF II GP LLC, its general partner
- By: /s/ Mark N. Lampert Mark N. Lampert Chief Executive Officer

BVF II GP LLC

By: /s/ Mark N. Lampert Mark N. Lampert Chief Executive Officer

- 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

BVF GP HOLDINGS LLC

By: /s/ Mark N. Lampert Mark N. Lampert Chief Executive Officer

BVF PARTNERS L.P.

- 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