## 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.)<sup>1</sup>

Pyxis Oncology, Inc. (Name of Issuer)

Common Stock, par value \$0.001 per share (Title of Class of Securities)

747324101

(CUSIP Number)

December 10, 2021

(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)

□ Rule 13d-1(d)

<sup>&</sup>lt;sup>1</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 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*).

1	NAME OF REPO	RTING PERSON	
		gy Value Fund, L.P.	
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	
	Dalasaan		
NUMBER OF	Delaware 5	SOLE VOTING POWER	
SHARES	5	SOLE VOTING POWER	
BENEFICIALLY		0	
OWNED BY	6	SHARED VOTING POWER	
EACH	0		
REPORTING		942,067	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
		0	
	8	SHARED DISPOSITIVE POWER	
		942,067	
9	AGGREGATE AN	IOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	0.40.007		
10	942,067		
10	CHECK BOX IF	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
11	DEDCENT OF CL	ASS REPRESENTED BY AMOUNT IN ROW (9)	
11	FERCENT OF CL	A55  Kerkesented di Awoont in KOW (9)	
	2.9%		
12	TYPE OF REPOR	TING PERSON	
± <b>-</b>			
	PN		
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# CUSIP No. 747324101

1	NAME OF REPC	RTING PERSON	
	BVF I GP I		
2	CHECK THE AP	PROPRIATE BOX IF A MEMBER OF A GROUP	(a) ⊠
			(b) 🗆
3	SEC USE ONLY		
5			
4	CITIZENSHIP O	R PLACE OF ORGANIZATION	-
	Delaware		
NUMBER OF SHARES	5	SOLE VOTING POWER	
BENEFICIALLY		0	
OWNED BY	6	SHARED VOTING POWER	
EACH	-		
REPORTING		942,067	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
	8	0 SHARED DISPOSITIVE POWER	
	0	SHARED DISPOSITIVE FOWER	
		942,067	
9	AGGREGATE A	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
- 10	942,067		
10	CHECK BOX IF	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
11	PERCENT OF CI	LASS REPRESENTED BY AMOUNT IN ROW (9)	
	2.9%		
12	TYPE OF REPOR	RTING PERSON	
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1	NAME OF REPO	RTING PERSON	
		gy Value Fund II, L.P.	
2	CHECK THE APP	PROPRIATE BOX IF A MEMBER OF A GROUP	(a) 🗵
			(b) 🗆
3	SEC USE ONLY		
4		R PLACE OF ORGANIZATION	
4	CITIZENSHIP OF	CPLACE OF ORGANIZATION	
	Delaware		
NUMBER OF	5	SOLE VOTING POWER	
SHARES	5		
BENEFICIALLY			
OWNED BY	6	SHARED VOTING POWER	
EACH			
REPORTING		723,478	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
		0	
	8	SHARED DISPOSITIVE POWER	
		702 470	
9	ACCRECATE AN	723,478 AOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
5	AGGREGALE AN	JOONT DENERGALET OWNED DT EACH REFORTING FERSON	
	723,478		
10		THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
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11	PERCENT OF CL	ASS REPRESENTED BY AMOUNT IN ROW (9)	
	2.2%		
12	TYPE OF REPOR	TING PERSON	
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	PN		

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1	NAME OF REPC	RTING PERSON	
	BVF II GP		
2		PROPRIATE BOX IF A MEMBER OF A GROUP	(a) 🗵
2	CHECK THE AP	PROPRIATE BOX IF A MEMIDER OF A GROUP	(a) ⊠ (b) □
			(0) 🗖
3	SEC USE ONLY		
4	CITIZENSHIP O	R PLACE OF ORGANIZATION	
	Delaware		
NUMBER OF	5	SOLE VOTING POWER	
SHARES			
BENEFICIALLY		0	
OWNED BY EACH	6	SHARED VOTING POWER	
REPORTING		723,478	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
		0	
	8	SHARED DISPOSITIVE POWER	
		723,478	
9	AGGREGATE A	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	500 (50		
10	723,478		
10	CHECK BUX IF	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
11	PERCENT OF CI	LASS REPRESENTED BY AMOUNT IN ROW (9)	
	2.29/		
12	2.2% TYPE OF REPOR	DTINC DEDCON	
12	I TPE OF REPOR	ATTING PERSOTN	
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1	NAME OF REPO	RTING PERSON	
		gy Value Trading Fund OS LP	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP		(a) 🗵
			(b) 🗆
3	SEC USE ONLY		
4	CITIZENSHIP OF	R PLACE OF ORGANIZATION	
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NUMBER OF	Cayman Isla	SOLE VOTING POWER	
SHARES	5	SOLE VOTING POWER	
BENEFICIALLY		0	
OWNED BY	6	SHARED VOTING POWER	
EACH	0	Sinned vormer rower	
REPORTING		106,474	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
		0	
	8	SHARED DISPOSITIVE POWER	
		106,474	
9	AGGREGATE AN	IOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
10	106,474		
10	CHECK BOX IF	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
11	DEDCENT OF CL	ASS REPRESENTED BY AMOUNT IN ROW (9)	
11	PERCENT OF CL	ASS REFRESENTED DI AMOUNT IN ROW (9)	
	Less than 19	6	
12	TYPE OF REPOR		
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	PN		
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1	NAME OF REPO	RTING PERSON	
	BVF Partne		
2	CHECK THE AP	PROPRIATE BOX IF A MEMBER OF A GROUP	(a) 🗵
			(b) 🗆
3	SEC USE ONLY		
4	CITIZENSHIP O	R PLACE OF ORGANIZATION	
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	Cayman Isla	ands	
NUMBER OF	5	SOLE VOTING POWER	
SHARES			
BENEFICIALLY		0	
OWNED BY	6	SHARED VOTING POWER	
EACH			
REPORTING		106,474	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
		0	
	8	SHARED DISPOSITIVE POWER	
	Ū		
		106,474	
9	AGGREGATE A	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	106,474		
10	CHECK BOX IF	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
11	DEDCENTOR	LASS REPRESENTED BY AMOUNT IN ROW (9)	
11	PERCENT OF CI	LASS REFRESENTED DI AMOUNT IN ROW (9)	
	Less than 19	%	
12	TYPE OF REPOR		
	CO		

1	NAME OF REPO	RTING PERSON	
		OLDINGS LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP		(a) 🗵
			(b) 🗆
3	SEC USE ONLY		
4		R PLACE OF ORGANIZATION	
4			
	Delaware		
NUMBER OF	5	SOLE VOTING POWER	
SHARES			
BENEFICIALLY		0	
OWNED BY	6	SHARED VOTING POWER	
EACH			
REPORTING		1,665,545	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
		0	
	8	SHARED DISPOSITIVE POWER	
	Ū		
		1,665,545	
9	AGGREGATE AN	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	1,665,545		
10	CHECK BOX IF	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
11	DERCENTOECT	ASS REPRESENTED BY AMOUNT IN ROW (9)	
11	FERCENT OF CL	ASS REFRESENTED DI AMOUNI IN ROW (5)	
	5.1%		
12	TYPE OF REPOR	TING PERSON	
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1	NAME OF REPOR	RTING PERSON	
	BVF Partner		
2			(a) 🗵
			(b) 🗆
3	SEC USE ONLY		
4	CITIZENSUID OD	PLACE OF ORGANIZATION	
4	CITIZENSIIIF OK	FLACE OF ORGANIZATION	
	Delaware		
NUMBER OF	5	SOLE VOTING POWER	
SHARES			
BENEFICIALLY		0	
OWNED BY	6	SHARED VOTING POWER	
EACH			
REPORTING		1,791,351	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
		0	
	8	SHARED DISPOSITIVE POWER	
	0		
		1,791,351	
9	AGGREGATE AM	IOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	1,791,351		
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)	
	5.5%		
12	TYPE OF REPOR	TING PERSON	
	PN, IA		
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1	NAME OF REPO	RTING PERSON	
	BVF Inc.		
2			(a) 🗵
			(b) 🗆
3	CEC LICE ONLY		
3	SEC USE ONLY		
4	CITIZENSHIP OF	R PLACE OF ORGANIZATION	
	Delaware		
NUMBER OF	5	SOLE VOTING POWER	
SHARES			
BENEFICIALLY		0	
OWNED BY EACH	6	SHARED VOTING POWER	
REPORTING		1,791,351	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
	,		
		0	
	8	SHARED DISPOSITIVE POWER	
		1,791,351	
9	AGGREGATE AN	10UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	1,791,351		
10		THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
11	PERCENT OF CL	ASS REPRESENTED BY AMOUNT IN ROW (9)	
	5.5%		
12	TYPE OF REPOR	TING PERSON	
	СО		

1	NAME OF REPOR	TING PERSON	
	Mark N. Lam		
2			(a) 🗵
			(b) 🗆
	CEC LICE ONLY		
3	SEC USE ONLY		
4	CITIZENSHIP OR	PLACE OF ORGANIZATION	
	United States		
NUMBER OF	5	SOLE VOTING POWER	
SHARES			
BENEFICIALLY		0	
OWNED BY	6	SHARED VOTING POWER	
EACH REPORTING		1 701 251	
PERSON WITH	7	1,791,351 SOLE DISPOSITIVE POWER	
PERSON WITH	/	SOLE DISPOSITIVE POWER	
		0	
	8	SHARED DISPOSITIVE POWER	
	_		
		1,791,351	
9	AGGREGATE AM	OUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
10	1,791,351		
10	CHECK BOX IF T	HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
11	PERCENT OF CL	ASS REPRESENTED BY AMOUNT IN ROW (9)	
11			
	5.5%		
12	TYPE OF REPORT	TING PERSON	
	IN		

# CUSIP No. 747324101

Item 1(a).	Name of Issuer:
	Pyxis Oncology, Inc., a Delaware corporation (the "Issuer").
Item 1(b).	Address of Issuer's Principal Executive Offices:
	35 Cambridge Park Drive Cambridge, MA 02140
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
	BVF Inc. 44 Montgomery St., 40th Floor San Francisco, California 94104 Citizenship: Delaware
	12

	44 Mor San Fra	ntgomery St.	"Mr. Lampert") ., 40th Floor ifornia 94104 I States			
	Each of	f the foregoi	ng is referred to as a "Reporting Person" and collectively as the "Reporting Persons."			
Item 2(d).	Title of	Class of Se	curities:			
	Commo	on Stock, pa	r value \$0.001 per share (the "Shares")			
Item 2(e).	CUSIP	Number:				
	747324	101				
Item 3.	If This	Statement 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).			
	(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.	Owners	Ownership				
(a)	Amoun	Amount beneficially owned:				
	As of the close of business on December 20, 2021, (i) BVF beneficially owned 942,067 Shares, (ii) BVF2 beneficially owned 723,478 Shares and (iii) Trading Fund OS beneficially owned 106,474 Shares.					

BVF GP, as the general partner of BVF, may be deemed to beneficially own the 942,067 Shares beneficially owned by BVF.

BVF2 GP, as the general partner of BVF2, may be deemed to beneficially own the 723,478 Shares beneficially owned by BVF2.

Partners OS, as the general partner of Trading Fund OS, may be deemed to beneficially own the 106,474 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 1,665,545 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 1,791,351 Shares beneficially owned in the aggregate by BVF, BVF2 and Trading Fund OS, and a certain Partners managed account (the "Partners Managed Account"), including 19,332 Shares held in the Partners Managed Account.

BVF Inc., as the general partner of Partners, may be deemed to beneficially own the 1,791,351 Shares beneficially owned by Partners.

Mr. Lampert, as a director and officer of BVF Inc., may be deemed to beneficially own the 1,791,351 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 beneficial ownership of the Shares beneficially owned by BVF2. Partners OS disclaims beneficial ownership of the Shares beneficially owned by BVF and BVF2. 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 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 32,763,887 Shares outstanding as of November 12, 2021, as disclosed in the Issuer's Quarterly Report on Form 10-Q filed on November 15, 2021.

As of the close of business on December 20, 2021, (i) BVF beneficially owned approximately 2.9% of the outstanding Shares, (ii) BVF2 beneficially owned approximately 2.2% 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 approximately 2.9% of the outstanding Shares, (v) BVF2 GP may be deemed to beneficially own approximately 2.2% of the outstanding Shares, (vi) Partners OS may be deemed to beneficially own less than 1% of the outstanding Shares, (vii) BVF GPH may be deemed to beneficially own approximately 5.1% of the outstanding Shares and (viii) each of Partners, BVF Inc. and Mr. Lampert may be deemed to beneficially own approximately 5.5% 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.

# CUSIP No. 747324101

(i	iii)	Sole power to dispose or to direct the disposition of
		See Cover Pages Items 5-9.
(i	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.
		BVF GPH, Partners, BVF Inc. and Mr. Lampert share voting and dispositive power over the Shares beneficially owned by BVF, BVF2, BVF GP and BVF2 GP. Partners, BVF Inc. and Mr. Lampert share voting and dispositive power over the Shares beneficially owned by Trading Fund OS and the Partners Managed Account.
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.
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: December 20, 2021

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

## Joint Filing Agreement

The undersigned hereby agree that the Statement on Schedule 13G dated December 20, 2021 with respect to the shares of Common Stock, par value \$0.001 per share of Pyxis Oncology, Inc., a Delaware corporation, and any further amendments thereto executed by each and any of the undersigned shall be filed on behalf of each of the undersigned pursuant to and in accordance with the provisions of Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, as amended.

Dated: December 20, 2021

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