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

SCHEDULE 13D

(Rule 13d-101)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO § 240.13d-1(a) AND AMENDMENTS THERETO FILED PURSUANT TO § 240.13d-2(a)

(Amendment No. 1)¹

MoonLake Immunotherapeutics (Name of Issuer)

<u>Class A Ordinary Shares, \$0.0001 par value per share</u>
(Title of Class of Securities)

61559X104 (CUSIP Number)

JAMES KRATKY
BVF PARTNERS L.P.
44 Montgomery St., 40th Floor
San Francisco, California 94104
(415) 525-8890
(Name, Address and Telephone Number of Person
Authorized to Receive Notices and Communications)

<u>June 27, 2023</u>
(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 \Box .

Note: 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 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*).

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.

CUSIP No. 61559X104

1	NAME OF REPORT	ING PERSON	
	BIOTECHNO	LOGY VALUE FUND, L.P.	
2		OPRIATE BOX IF A MEMBER OF A GROUP	(a) 🗵
			(b) 🗆
3	SEC USE ONLY		
4	SOURCE OF FUND	S	,
	WC		
5		SCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR	
	2(e)		
6	CITIZENCHID OD D	LACE OF ORGANIZATION	
б	CITIZENSHIP OR P	LACE OF ORGANIZATION	
	DELAWARE	,	
NUMBER OF	7	SOLE VOTING POWER	
SHARES BENEFICIALLY		- 0 -	
OWNED BY	8	SHARED VOTING POWER	
EACH		11 205 670	
REPORTING PERSON WITH	9	11,265,678 SOLE DISPOSITIVE POWER	
TERSON WITH	3	SOLE DISPOSITIVE FOWER	
		- 0 -	
	10	SHARED DISPOSITIVE POWER	
		11,265,678	
11	AGGREGATE AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	11,265,678		
12		E AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES	
13	PERCENT OF CLAS	SS REPRESENTED BY AMOUNT IN ROW (11)	
	18.6%		
14	TYPE OF REPORTI	NG PERSON	,
	PN		

CUSIP No. 61559X104

1	NAME OF BERGE	NIC PERCON	:
1	NAME OF REPORT	ING PERSON	
	BVF I GP LLC		
2		OPRIATE BOX IF A MEMBER OF A GROUP	(a) 🗵
2	CHECK THE APPRO	JPRIATE BUX IF A MEMBER OF A GROUP	(a) ⊠ (b) □
			(0) 🗆
3	SEC USE ONLY		
4	SOURCE OF FUNDS	S	,
	AF		
5		SCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR	
	2(e)		
6	CITIZENSHIP OR P	LACE OF ORGANIZATION	
· ·	GITIZEINGIIII GIVI		
	DELAWARE		
NUMBER OF	7	SOLE VOTING POWER	
SHARES			
BENEFICIALLY		- 0 -	
OWNED BY	8	SHARED VOTING POWER	
EACH		44 005 000	
REPORTING PERSON WITH	9	11,265,678 SOLE DISPOSITIVE POWER	
PERSON WITH	9	SOLE DISPOSITIVE POWER	
		- 0 -	
	10	SHARED DISPOSITIVE POWER	
		11,265,678	
11	AGGREGATE AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
- 10	11,265,678	TA CODE CATE AN OLIVE BY DOLL (A) EVOLVED CEDIA BY COVERS	
12	CHECK BOX IF TH	E AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES	
13	PERCENT OF CLAS	SS REPRESENTED BY AMOUNT IN ROW (11)	
15	I LINGLINI OI GLING	or the thousands by the control in the many (11)	
	18.6%		
14	TYPE OF REPORTI	NG PERSON	,
	00		

			
1	NAME OF REPORT	TING PERSON	
		LOGY VALUE FUND II, L.P.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) ⊠		
			(b) □
	27.6 ***** 0.*****		
3	SEC USE ONLY		
4	SOURCE OF FUND	nc	
4	SOURCE OF FUNL	95	
	WC		
5		SCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR	
	2(e)	ochooted of bhoth incohhbined to had one bit oncoint i to ithin a (a) on	
	(-)		
6	CITIZENSHIP OR I	PLACE OF ORGANIZATION	
	DELAWARE		
NUMBER OF	7	SOLE VOTING POWER	
SHARES			
BENEFICIALLY		- 0 -	
OWNED BY	8	SHARED VOTING POWER	
EACH		0.005 500	
REPORTING		9,005,700	
PERSON WITH	9	SOLE DISPOSITIVE POWER	
		- 0 -	
	10	SHARED DISPOSITIVE POWER	
	10	SHARED DISCOSITIVE FOWER	
		9,005,700	
11	AGGREGATE AMO	DUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	9,005,700		
12		HE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES	
		• •	
13	PERCENT OF CLA	SS REPRESENTED BY AMOUNT IN ROW (11)	
	14.8%		
14	TYPE OF REPORT	ING PERSON	
	DNI		
	PN		

CUSIP No. 61559X104

1	NAME OF REPORT	TING PERSON	
	BVF II GP LL		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) (a) (b) (c) (d) (e) (e) (f) (f) (f) (f) (f) (g) (g)		
			(b) □
3	SEC USE ONLY		
	COLUD CE OE ELINE		
4	SOURCE OF FUND	25	
	AF		
5		SCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR	
3	2(e)	SCEOSORE OF EEGAL PROCEEDINGS IS REQUIRED FORSOAIVE TO FIEW 2(u) OR	
	<u>-(c)</u>		
6	CITIZENSHIP OR I	PLACE OF ORGANIZATION	
	DELAWARE		
NUMBER OF	7	SOLE VOTING POWER	
SHARES			
BENEFICIALLY		- 0 -	
OWNED BY	8	SHARED VOTING POWER	
EACH			
REPORTING		9,005,700	
PERSON WITH	9	SOLE DISPOSITIVE POWER	
	10	- 0 -	
	10	SHARED DISPOSITIVE POWER	
		9,005,700	
11		DUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
11	AGGREGATE AMC	OCITI DEITELIGIAELI OWITED DI EAGII REFORTINO FERGON	
	9,005,700		
12		IE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES	
		Elicollon (11) Elicolopeo cellum offitheo	
13	PERCENT OF CLA	SS REPRESENTED BY AMOUNT IN ROW (11)	
	14.8%		
14	TYPE OF REPORT	ING PERSON	
	00		

	NAME OF BESSE	TIME PERCON	
1	NAME OF REPOR	TING PERSON	
	DIOTECLINA	NI OCY VALUE TRADING PUND OC L. D.	
2		DLOGY VALUE TRADING FUND OS, L.P.	(a) 🗵
2			
			(b) 🗆
3	SEC USE ONLY		
	SEC OSE ONE!		
4	SOURCE OF FUN	OS .	
	WC		
5	CHECK BOX IF D	ISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR	
	2(e)		
6	CITIZENSHIP OR	PLACE OF ORGANIZATION	
	CANAMANIE	LANDC	
NUMBER OF	CAYMAN IS	SOLE VOTING POWER	
SHARES	/	SOLE VOTING POWER	
BENEFICIALLY		- 0 -	
OWNED BY	8	SHARED VOTING POWER	
EACH			
REPORTING		1,420,317	
PERSON WITH	9	SOLE DISPOSITIVE POWER	
		- 0 -	
	10	SHARED DISPOSITIVE POWER	
		1 420 247	
11	ACCDEC ATE AM	1,420,317 OUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
11	AGGREGALE AM	OUNT DENEFTCIALLY OWNED BY EACH REPORTING PERSON	
	1,420,317		
12		HE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES	
		The state of the s	_
13	PERCENT OF CLA	ASS REPRESENTED BY AMOUNT IN ROW (11)	
	2.3%		
14	TYPE OF REPORT	ING PERSON	
	DAY		
	PN		

1	NAME OF DEPORT	INC DEDCOM	
1	NAME OF REPORT	ING PERSON	
	BVF PARTNE	DS OS ITD	
2		OPRIATE BOX IF A MEMBER OF A GROUP	(a) 🗵
2	CHECK THE APPRO	OPRIATE BOX IF A WIEWIDER OF A GROUP	(a) ⊠ (b) □
			(0) 🗆
3	SEC USE ONLY		
3	SEC COL CIVEI		
4	SOURCE OF FUND	S	
	AF		
5	CHECK BOX IF DIS	SCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR	
	2(e)		
6	CITIZENSHIP OR P	LACE OF ORGANIZATION	
	CANDAANICI	ANDC	
NUMBER OF	CAYMAN ISL 7	SOLE VOTING POWER	
NUMBER OF SHARES	/	SOLE VOTING POWER	
BENEFICIALLY		- 0 -	
OWNED BY	8	SHARED VOTING POWER	
EACH		SIMINED VOTINGTOWER	
REPORTING		1,420,317	
PERSON WITH	9	SOLE DISPOSITIVE POWER	
		- 0 -	
	10	SHARED DISPOSITIVE POWER	
		1,420,317	
11	AGGREGATE AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	1,420,317		
12		E AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES	
14	CHECK DUA IF IT	L AGGILGATE ANIOUNT IN NOW (11) EACEUDES CERTAIN SHARES	Ш
13	PERCENT OF CLAS	SS REPRESENTED BY AMOUNT IN ROW (11)	
	2.3%		
14	TYPE OF REPORTI	NG PERSON	
	CO		

1	NAME OF DEPORT	WING REDGON	
1	NAME OF REPORT	ING PERSON	
	BVF GP HOLI	DINCS LLC	
2		OPRIATE BOX IF A MEMBER OF A GROUP	(a) 🗵
	CHECK THE MITK	OF MATE BOX II ATMENDER OF A GROOT	(a) □ (b) □
			(5) 🗀
3	SEC USE ONLY		
4	SOURCE OF FUND	S	
	4.5		
5	AF	CCLOCURE OF LECAL PROCEEDINGS IS REQUIRED DURSHANGED ITEM 2/3/ OR	
5	2(e)	SCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR	
	2(0)		
6	CITIZENSHIP OR P	LACE OF ORGANIZATION	
	DELAWARE		
NUMBER OF	7	SOLE VOTING POWER	
SHARES BENEFICIALLY		- 0 -	
OWNED BY	8	SHARED VOTING POWER	
EACH	0	SHARED VOTINGTOWER	
REPORTING		20,271,378	
PERSON WITH	9	SOLE DISPOSITIVE POWER	
		- 0 -	
	10	SHARED DISPOSITIVE POWER	
		20,271,378	
11	AGGREGATE AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	20,271,378		
12	CHECK BOX IF TH	E AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES	
13	DEDCENT OF CLAS	SS REPRESENTED BY AMOUNT IN ROW (11)	
13	I ERCENT OF CLAS	55 KEI KESENTED DI AMOONI IN KOW (II)	
	33.4%		
14	TYPE OF REPORTE	NG PERSON	
	00		

1	NAME OF REPORT	INC DEDCON	
1	NAME OF REPORT	ING PERSON	
	BVF PARTNE	RS L P	
2		OPRIATE BOX IF A MEMBER OF A GROUP	(a) 🗵
_		OTHER BOTT IT THE MADER OF IT GROOT	(b) □
			(-) —
3	SEC USE ONLY		
4	SOURCE OF FUND	S	
	AF		
5		SCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR	
3	2(e)	OCLOSORE OF LEGAL PROCEEDINGS IS REQUIRED FORSOAINT TO FIEM 2(u) OR	
6	CITIZENSHIP OR P	LACE OF ORGANIZATION	
	DELAWARE		
NUMBER OF SHARES	7	SOLE VOTING POWER	
BENEFICIALLY		- 0 -	
OWNED BY	8	SHARED VOTING POWER	
EACH		January Carlot Carlot	
REPORTING		21,751,284	
PERSON WITH	9	SOLE DISPOSITIVE POWER	
	10	- 0 -	
	10	SHARED DISPOSITIVE POWER	
		21,751,284	
11	AGGREGATE AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	21,751,284		
12	CHECK BOX IF TH	E AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES	
13	PERCENT OF CLAS	SS REPRESENTED BY AMOUNT IN ROW (11)	
13	I ENGLIST OF CLAS	o REFREDENTED DI TRICOTTI IN NOTI (II)	
	35.8%		
14	TYPE OF REPORTI	NG PERSON	
	PN, IA		

1	NAME OF DEPORT	INC DEDCOM	
1	NAME OF REPORT	ING PERSON	
	BVF INC.		
2		OPRIATE BOX IF A MEMBER OF A GROUP	(a) ⊠
	CHECK THE MITK	OTMITE BOX II A WIEWIDER OF A GROOT	(a) □ (b) □
			(8) —
3	SEC USE ONLY		
4	SOURCE OF FUND	S	
	A.F.		
5	AF	SCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR	
3	2(e)	OCLOSORE OF LEGAL PROCEEDINGS IS REQUIRED PORSOAINT TO ITEM 2(II) OR	Ш
6	CITIZENSHIP OR P	LACE OF ORGANIZATION	
	DELAWARE		
NUMBER OF SHARES	7	SOLE VOTING POWER	
BENEFICIALLY		- 0 -	
OWNED BY	8	SHARED VOTING POWER	
EACH			
REPORTING		21,751,284	
PERSON WITH	9	SOLE DISPOSITIVE POWER	
	10	- 0 - SHARED DISPOSITIVE POWER	
	10	SHARED DISPOSITIVE POWER	
		21,751,284	
11	AGGREGATE AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	21,751,284		
12	CHECK BOX IF TH	E AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES	
13	PERCENT OF CLAS	SS REPRESENTED BY AMOUNT IN ROW (11)	
10			
	35.8%		
14	TYPE OF REPORTI	NG PERSON	
	60		
	CO		

1	NAME OF REPOR	ΓING PERSON			
	MADIZATIA	MOEDT			
2		MARK N. LAMPERT CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) ⊠			
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) \boxtimes (b) \square				
			(0) □		
3	SEC USE ONLY				
	SEC OSE OIVET				
4	SOURCE OF FUNI	OS .			
	AF				
5	CHECK BOX IF D	SCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR			
	2(e)				
	OMETER STATE OF	DI A CIT CIT CIT CIT CANUTATION			
6	CITIZENSHIP OR I	PLACE OF ORGANIZATION			
	USA				
NUMBER OF	7	SOLE VOTING POWER			
SHARES	,	SOLE VOINGTOWER			
BENEFICIALLY		- 0 -			
OWNED BY	8	SHARED VOTING POWER			
EACH					
REPORTING		21,751,284			
PERSON WITH	9	SOLE DISPOSITIVE POWER			
	10	- 0 - SHARED DISPOSITIVE POWER			
	10	SUAKED DISPOSITIVE POWEK			
		21,751,284			
11	AGGREGATE AMO	DUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
	21,751,284				
12	CHECK BOX IF TH	HE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES			
13	PERCENT OF CLA	SS REPRESENTED BY AMOUNT IN ROW (11)			
	35.8%				
14	TYPE OF REPORT	INC DEDSON			
14	I I PE OF KEPORI	ING PERSON			
	IN				
	11.1				

	-			
1	NAME OF REPOR	TING PERSON		
	CDITTE I CIT			
	SPIKE LOY			
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) \boxtimes (b) \square			
			(b) ⊔	
3	SEC USE ONLY			
3	SEC OSE ONET			
4	SOURCE OF FUNI	OS .		
5		ISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR		
	2(e)			
6	CITIZENSHID OD	PLACE OF ORGANIZATION		
U	CITIZENSIIIFOR	FLACE OF ORGANIZATION		
	USA			
NUMBER OF	7	SOLE VOTING POWER		
SHARES				
BENEFICIALLY		- 0 -		
OWNED BY	8	SHARED VOTING POWER		
EACH				
REPORTING PERSON WITH	9	- 0 - SOLE DISPOSITIVE POWER		
PERSON WITH	9	SOLE DISPOSITIVE POWER		
		-0-		
	10	SHARED DISPOSITIVE POWER		
	10	OTHER DISTOSTIVE TO WER		
		- 0 -		
11	AGGREGATE AMO	DUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	_			
40	- 0 -	TE A CODE CAME A MOUNTE IN DOMA (44) EVOLUTE CODE AND COLUMN COLUMN		
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES □			
13	PERCENT OF CLA	SS REPRESENTED BY AMOUNT IN ROW (11)		
15	1 LICENT OF CER	20 121 1202.122 21 111100111 11 110 11 (11)		
	0%			
14	TYPE OF REPORT	ING PERSON	,	
	IN			

Explanatory Note: The following constitutes Amendment No. 1 to the Schedule 13D filed by the undersigned ("Amendment No. 1"). This Amendment No. 1 amends the Schedule 13D as specifically set forth herein and is being filed to report, among other things, a change in the percentage of the outstanding number of Shares owned by the Reporting Persons solely due to an increase in the number of Shares outstanding.

Item 5. <u>Interest in Securities of the Issuer.</u>

Items 5(a) and (c) are hereby amended and restated to read as follows:

(a) The aggregate percentage of Shares reported owned by each person named herein is based on 60,701,111 Shares outstanding, which is the total number of Shares outstanding following the closing of the Issuer's public offering as reported in the Issuer's Prospectus Supplement filed with the Securities and Exchange Commission on June 29, 2023.

As of the date hereof, (i) BVF beneficially owned 11,265,678 Shares, representing percentage ownership of approximately 18.6% of the Shares outstanding, (ii) BVF2 beneficially owned 9,005,700 Shares, representing percentage ownership of approximately 14.8% of the Shares outstanding, (iii) Trading Fund OS beneficially owned 1,420,317 Shares, representing percentage ownership of approximately 2.3% of the Shares outstanding, and (iv) 59,589 Shares were held in the Partners Managed Account, representing percentage ownership of less than 1% of the Shares outstanding.

BVF GP, as the general partner of BVF, may be deemed to beneficially own the 11,265,678 Shares beneficially owned by BVF, representing percentage ownership of approximately 18.6% of the Shares outstanding.

BVF2 GP, as the general partner of BVF2, may be deemed to beneficially own the 9,005,700 Shares beneficially owned by BVF2, representing percentage ownership of approximately 14.8% of the Shares outstanding.

Partners OS, as the general partner of Trading Fund OS, may be deemed to beneficially own the 1,420,317 Shares beneficially owned by Trading Fund OS, representing percentage ownership of approximately 2.3% of the Shares outstanding.

BVF GPH, as the sole member of each of BVF GP and BVF2 GP, may be deemed to beneficially own the 20,271,378 Shares beneficially owned in the aggregate by BVF and BVF2, representing percentage ownership of approximately 33.4% of the Shares outstanding.

Partners, as the investment manager of BVF, BVF2, Trading Fund OS and the Partners Managed Account and the sole member of Partners OS, may be deemed to beneficially own the 21,751,284 Shares beneficially owned in the aggregate by BVF, BVF2 and Trading Fund OS and held in the Partners Managed Account, representing percentage ownership of approximately 35.8% of the Shares outstanding.

BVF Inc., as the general partner of Partners, may be deemed to beneficially own the 21,751,284 Shares beneficially owned by Partners, representing percentage ownership of approximately 35.8% of the Shares outstanding.

Mr. Lampert, as a director and officer of BVF Inc., may be deemed to beneficially own the 21,751,284 Shares beneficially owned by BVF Inc., representing percentage ownership of approximately 35.8% of the Shares outstanding.

As of the date hereof, Mr. Loy does not beneficially own any Shares of the Issuer.

(c) None of the Reporting Persons have entered into any transactions in the Shares during the past sixty days.

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

Item 6 is hereby amended to add the following:

In connection with the Issuer's public offering of 8,000,000 Shares, the Reporting Persons agreed not to sell or transfer any Shares or securities convertible into or exchangeable or exercisable for Shares, for 60 days without first obtaining the written consent of SVB Securities LLC and Guggenheim Securities LLC on behalf of the underwriters in the Issuer's public offering. Specifically, the Reporting Persons agreed, with certain limited exceptions, not to directly or indirectly: (i) offer, pledge, sell or contract to sell any Shares; (ii) sell any option or contract to purchase any Shares; (iii) purchase any option or contract to sell any Shares; (iv) grant any option, right or warrant for the sale of any Shares; (v) otherwise dispose of or transfer any Shares; (vi) request or demand that the Issuer file a registration statement related to the Shares; or (vii) enter into any swap or other agreement or any transaction that transfers, in whole or in part, the economic consequence of ownership of any Shares, whether any such swap, agreement or transaction is to be settled by delivery of shares or other securities, in cash or otherwise. The foregoing lock-up restrictions apply to Shares and to securities convertible into or exchangeable or exercisable for Shares. They also apply to Shares owned now or acquired later, for which the Reporting Persons acquire the power of disposition.

On June 8, 2023, Mr. Loy was granted stock options in connection with his service as a director of the Issuer that represent a right to purchase 11,297 Shares. The options (a) will vest in full on the earlier of (i) June 8, 2024 and (ii) the date of the Issuer's next annual general meeting of shareholders, subject to Mr. Loy's continued service to the Issuer, (b) have an exercise price of \$29.18 per Share and (c) expire on June 8, 2033.

SIGNATURES

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

Dated: June 30, 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

/s/ Spike Loy

SPIKE LOY