FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

0	STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL

OMB Number: 3235-0287
Estimated average burden

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

	tion 1(b).	nuc. Goo		File	d purs	suant Sect	to Section ion 30(h) o	n 16(a of the	a) of the	he Sec stment	uritie Com	s Exchan pany Act	ge Act of 194	of 193 0	4			liouis	per re	sponse:	0.5
		Reporting Person*					r Name <b>a</b> r era The						2]			Check all	applio irecto	cable)		son(s) to Iss	wner
(Last) 44 MON 40TH FI	TGOMER	*	(Middle)			Date (//15/2	of Earliest 2022	Tran	saction	n (Mor	nth/D	ay/Year)					elow)	.0	and	Cother (below) Footnotes	· ·
(Street) SAN FRANCE	ISCO C	A	94104		4.1	f Ame	endment, I	Date	of Orio	ginal F	iled (	(Month/Da	ay/Yea	r)		ne) F V F	orm f	iled by One iled by Mor	Rep	g (Check Ap orting Person One Repo	on
(City)	(S	-	(Zip)																		
1. Title of	Security (Ins		ole I - Nor	1-Deriv		_	Curities 2A. Deem	_	quir 3.		Disp	osed o					med		6. Ov	wnership	7. Nature
	, ,	· · · ·		Date (Month/	Day/Yo	ear)	Execution if any (Month/Da		´   c	ode (Ir		Disposed 5)	d Of (D	) (Instr.	3, 4 aı	nd See Bei Ow Rei	porte	ally following	(D) o	n: Direct or Indirect nstr. 4)	of Indirect Beneficial Ownership (Instr. 4)
									С	ode	v	Amount	- 1	A) or D)	Price	Tra (Ins	nsact	ion(s) and 4)			
	, ,	0001 par value <sup>(1)</sup>							4	_			_			_	2,19	5,696		D <sup>(2)</sup>	
		0001 par value <sup>(1)</sup>				_			4	_			_			_		7,928		D <sup>(3)</sup>	
Common	Stock, \$0.0	0001 par value <sup>(1)</sup>															230	),637		D <sup>(4)</sup>	
		•	Table II - I				urities . s, warr										ed				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution I if any (Month/Day	Date, T	I. Fransa Code (		5. Numbor of Derivati Securiti Acquire (A) or Dispose of (D) (II 3, 4 and	ive ies ed ed nstr.	Expir	ate Exe ration inth/Day	Date	ble and	of Se Unde Deriv	e and A curities rlying ative Se . 3 and	ecurity	Deriva Secur	ative ity	9. Number derivative Securities Beneficial Owned Following Reported Transactio (Instr. 4)	i is illy	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4	Beneficial Ownership (Instr. 4)
					Code	v	(A)	(D)	Date Exer	cisable		xpiration ate	Title	O N O	umbe						
Stock Option (Right to Buy) <sup>(6)</sup>	\$20									(5)	08	8/19/2030	Stoc \$0.00 par va	ck, 001 4	0,12	7		40,12	7	I(e)	See footnote <sup>(6)</sup>
Stock Option (Right to Buy) <sup>(6)</sup>	\$49.1									(7)	06	5/15/2031	Stoc \$0.00 par va	2001	0,06	3		20,063	3	I(e)	See footnote <sup>(6)</sup>
Stock Option (Right to Buy) <sup>(6)</sup>	\$14.18	06/15/2022			Α		12,000			(8)	06	5/14/2032	Stoc \$0.00 par va	<sup>2k,</sup> 001 1	2,00	0 \$0.	00	12,000	0	I(6)	See footnote <sup>(6)</sup>
	nd Address of	f Reporting Person*																			
(Last)		(First)	(Middl	le)																	

_ast)	(First)	(Middle)
4 MONTG	OMERY STREET	
OTH FLOO	OR .	
Street)		
SAN FRAN	CISCO CA	94104
Citv)	(State)	(Zip)
City)	· '	(Zip)
	ddress of Reporting Perso INOLOGY VALU	
	(First)	(Middle)
∟ast)		
	OMERY STREET	

SAN FRANCISCO	CA	94104
(City)	(State)	(Zip)
1. Name and Address of BVF I GP LLC	Reporting Person*	
(Last) 44 MONTGOMER	(First) Y ST., 40TH FLOOR	(Middle)
(Street) SAN FRANCISCO	CA	94104
(City)	(State)	(Zip)
1. Name and Address of BIOTECHNOL	Reporting Person*	IND II LP
(Last) 44 MONTGOMER' 40TH FLOOR	(First) Y STREET	(Middle)
(Street) SAN FRANCISCO	CA	94104
(City)	(State)	(Zip)
1. Name and Address of BVF II GP LLC		
(Last) 44 MONTGOMER	(First) Y ST., 40TH FLOOR	(Middle)
(Street) SAN FRANCISCO	CA	94104
(City)	(State)	(Zip)
1. Name and Address of Biotechnology V	Reporting Person* Value Trading Fur	nd OS LP
(Last) P.O. BOX 309 UGL	(First) AND HOUSE	(Middle)
(Street) GRAND CAYMAN	Е9	KY1-1104
(City)	(State)	(Zip)
1. Name and Address of BVF Partners O	-	
(Last) P.O. BOX 309 UGL	(First) AND HOUSE	(Middle)
(Street) GRAND CAYMAN	E9	KY1-1104
(City)	(State)	(Zip)
1 Name and Address of	Reporting Person*	
BVF GP HOLD		
BVF GP HOLD  (Last)	(First) Y ST., 40TH FLOOR	(Middle)
BVF GP HOLD  (Last)	(First) Y ST., 40TH FLOOR	

(Last)	(First)	(Middle)
44 MONTG	OMERY STREET	
40TH FLOC	OR .	
(Street)		
SAN FRAN	CISCO CA	94104
(City)	(State)	(Zip)
4 Name and A	dalance of Demonstrati Demonstrati	*
	ddress of Reporting Person T MARK N	*
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LAMPER (Last)	T MARK N	
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LAMPER (Last) 44 MONTG 40TH FLOC	T MARK N  (First)  OMERY STREET  OR	

## **Explanation of Responses:**

- 1. This Form 4 is filed jointly by Biotechnology Value Fund, L.P. ("BVF"), Biotechnology Value Fund II, L.P. ("BVF2"), Biotechnology Value Trading Fund OS LP ("Trading Fund OS"), BVF Partners OS Ltd. ("Partners OS"), BVF I GP LLC ("BVF GP"), BVF II GP LLC ("BVF GP"), BVF GP Holdings LLC ("BVF GPH"), BVF Partners L.P. ("Partners"), BVF Inc. and Mark N. Lampert (collectively, the "Reporting Persons"). Each of the Reporting Persons is a member of a Section 13(d) group. Each of the Reporting Persons disclaims beneficial ownership of the securities reported herein except to the extent of his or its pecuniary interest therein.
- 2. Securities owned directly by BVF. As the general partner of BVF, BVF GP may be deemed to beneficially own the securities owned directly by BVF. As the sole member of BVF GP, BVF GPH may be deemed to beneficially own securities owned directly by BVF. As the investment manager of BVF, Partners may be deemed to beneficially own the securities owned directly by BVF. As the investment adviser and general partner of Partners, BVF Inc. may be deemed to beneficially own the securities owned directly by BVF. As a director and officer of BVF Inc., Mr. Lampert may be deemed to beneficially own the securities owned directly by BVF.
- 3. Securities owned directly by BVF2. As the general partner of BVF2, BVF2 GP may be deemed to beneficially own the securities owned directly by BVF2. As the sole member of BVF2 GP, BVF GPH may be deemed to beneficially own securities owned directly by BVF2. As the investment manager of BVF2, Partners may be deemed to beneficially own the securities owned directly by BVF2. As the investment adviser and general partner of Partners, BVF Inc. may be deemed to beneficially own the securities owned directly by BVF2. As a director and officer of BVF Inc., Mr. Lampert may be deemed to beneficially own the securities owned directly by BVF2.
- 4. Securities owned directly by Trading Fund OS. As the general partner of Trading Fund OS, Partners OS may be deemed to beneficially own the securities owned directly by Trading Fund OS. As the investment manager of Trading Fund OS and the sole member of Partners OS, Partners may be deemed to beneficially own the securities owned directly by Trading Fund OS. As the investment adviser and general partner of Partners, BVF Inc., may be deemed to beneficially own the securities owned directly by Trading Fund OS. As a director and officer of BVF Inc., Mr. Lampert may be deemed to beneficially own the securities owned directly by Trading Fund OS.
- 5. The shares subject to this option shall vest in thirty-six (36) equal monthly installments over three (3) years commencing on the date of the Registration Statement Effectiveness.
- 6. Partners, BVF Inc. and Mr. Lampert may be deemed to have a pecuniary interest in the securities reported owned herein due to a certain agreement between Partners and Gorjan Hrustanovic, who serves on the Issuer's board of directors and as a member of Partners, pursuant to which Mr. Hrustanovic is obligated to transfer the economic benefit, if any, received upon the sale of the shares issuable upon exercise of the securities reported owned herein to Partners. As such, Mr. Hrustanovic disclaims beneficial ownership of the securities reported herein except to the extent of his pecuniary interest therein.
- 7. The shares subject to the option have fully vested.
- 8. The shares underlying this stock option shall vest in full upon the earlier to occur of (i) June 15, 2023 and (ii) the date of the next annual meeting of the Issuer's stockholders.

## Remarks:

For purposes of Section 16 of the Securities Exchange Act of 1934, as amended, each of the Reporting Persons may be deemed to be a director by deputization of the Issuer due to a member of Partners, Gorjan Hrustanovic, serving on the Board of Directors of the Issuer, and his agreement to transfer the economic benefit, if any, received upon the sale of the shares issuable upon exercise of the securities reported owned herein to Partners.

Inc., its general partner, By: /s/ 06/17/2022 Mark N. Lampert, President Biotechnology Value Fund, L.P., By: BVF I GP LLC, its general partner, By: /s/ Mark N. 06/17/2022 Lampert, Chief Executive BVF I GP LLC, By: /s/ Mark N. Lampert, Chief Executive 06/17/2022 Officer Biotechnology Value Fund II, L.P., By: BVF II GP LLC, its general partner, By: /s/ Mark N. 06/17/2022 Lampert, Chief Executive Officer BVF II GP LLC, By: /s/ Mark N. Lampert, Chief Executive 06/17/2022 Officer BVF Partners OS Ltd., By: BVF Partners L.P., its sole member, By: BVF Inc., its 06/17/2022 general partner, By: /s/ Mark N. Lampert, President Biotechnology Value Trading Fund OS LP, By: BVF Partners L.P., its investment manager, 06/17/2022 BVF Inc., its general partner, By: /s/ Mark N. Lampert, **President** 

BVF Partners L.P., By: BVF

BVF GP Holdings LLC, By: /s/ 06/17/2022

Mark N. Lampert, Chief Executive Officer

BVF Inc., By: /s/ Mark N.

<u>Lampert, President</u>
/s/ Mark N. Lampert 06/17/2022

06/17/2022

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

 $<sup>^{\</sup>star}$  If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

<sup>\*\*</sup> Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).