FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

OMB APPROVAL								
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Estimated average burden								
hours per response:	0.5							

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

# STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person*					2. Issuer Name and Ticker or Trading Symbol								5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
Castagna Michael						MANNKIND CORP [ MNKD ]								X Director			10% Ow	ner
(Last) (First) (Middle)													X	X Officer (give title below)			Other (specify below)	
30930 RUSSELL RANCH ROAD					3. Date of Earliest Transaction (Month/Day/Year) 05/14/2019								Chief Executive Officer					
SUITE 300																		
(Street)				4.	4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Individual or Joint/Group Filing (Check Applicable Line)					
WESTLAKE CA		A	91362										X	Form fi	led by One	Repo	rting Persor	ı
VILLAC	E												Form filed by More than One Reporting Person					
(City) (State) (Zip)			(Zip)															
		Tal	ole I - Non-D	Perivativ	re Se	curities	Acc	quired,	Dis	posed o	f, or Be	enefic	ally	Owned				
1. Title of Security (Instr. 3)  2. Transar Date (Month/Da					ear)	2A. Deemed Execution Date, if any (Month/Day/Year)		3. Transaction Code (Instr. 3) 8) 4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4) 5)				4 and Securitie Beneficia Owned F		es For ally (D) Following (I) (		m: Direct or Indirect Instr. 4)	7. Nature of Indirect Beneficial Ownership	
								Code	v	Amount	(A) (D)	Prio	e	Reported Transacti (Instr. 3 a	on(s) nd 4)			(Instr. 4)
			Table II - De (e.ç							osed of, onvertib				Owned				
1. Title of Derivative Security (Instr. 3)	rivative Conversion Date Execution or Exercise (Month/Day/Year) if any		3A. Deemed Execution Date, if any (Month/Day/Yea	Date, Transaction Code (Instr.				6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)			8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s)		10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisab		Expiration Date	Title	Amour or Number of Sha	r		(Instr. 4)	on(s)		
Employee Stock Option (right to buy)	\$1.32	05/14/2019		A <sup>(1)</sup>		584,000		05/14/202	20	05/14/2029	Stock Options	584,0	00	\$1.32	584,00	00	D	

### **Explanation of Responses:**

1. Annual Equity Award: 25% vesting on the anniversary of the vesting determination date and 1/48th per month thereafter; being fully vested on the fourth anniversary of the vesting determination date.

## Remarks:

/s/ Michael Castagna

05/16/2019

\*\* Signature of Reporting Person

Date

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

- $^{\star}$  If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

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.