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

Form 144 Filer Information

Form 144

FORM 144

NOTICE OF PROPOSED SALE OF SECURITIES

PURSUANT TO RULE 144 UNDER THE SECURITIES ACT OF 1933

144: Filer Information

Filer CIK 0001674282
Filer CCC XXXXXXXX
Is this a LIVE or TEST Filing? • LIVE • TEST

Submission Contact Information

Name Phone

E-Mail Address

144: Issuer Information

Name of Issuer MANNKIND CORP

SEC File Number 000-50865

1 CASPER STREET

Address of Issuer

DANBURY
CONNECTICUT

06810

Phone 818-661-5000

Name of Person for Whose Account the Securities are To Be Sold

Castagna Michael

See the definition of "person" in paragraph (a) of Rule 144. Information is to be given not only as to the person for whose account the securities are to be sold but also as to all other persons included in that definition. In addition, information shall be given as to sales by all persons whose sales are required by paragraph (e) of Rule 144 to be aggregated with sales for the account of the person filing this notice.

Relationship to Issuer Officer

144: Securities Information

Title of the Class of Securities To Be Sold	Name and Address of the Broker	Number of Shares or Other Units To Be Sold	Aggregate Market Value			Name the Securities Exchange
Common	Merrill Lynch 2049 Century Park East 11th Floor Los Angeles CA 90067	10000	45700.00	264305532	08/01/2023	NASDAQ

Furnish the following information with respect to the acquisition of the securities to be sold and with respect to the payment of all or any part of the purchase price or other consideration therefor:

144: Securities To Be Sold

Title of the	Date you	Nature of	Name of	Is	Date	Amount of	Date of	Nature of
Class	Acquired	Acquisition	Person from	this	Donor	Securities	Payment	Payment *
	_	Transaction			Acquired	Acquired		

Whom Acquired	a Gift?		
MannKind		10000	02/20/2020 Cas

Furnish the following information as to all securities of the issuer sold during the past 3 months by the person for whose account the securities are to be sold.

144: Securities Sold During The Past 3 Months

Name and Address of Seller	Title of Securities Sold	Date of Sale	Amount of Securities Sold	Gross Proceeds
Michael Castagna 30930 Russell Ranch Road Suite 300 Westlake Village CA 91346	Common	05/05/2023	10000	40000.00
Michael Castagna 30930 Russell Ranch Road Suite 300 Westlake Village CA 91346	Common	05/24/2023	150000	702786.15
Michael Castagna 30930 Russell Ranch Road Suite 300 Westlake Village CA 91346	Common	05/25/2023	75000	344471.10
Michael Castagna 30930 Russell Ranch Road Suite 300 Westlake Village CA 91346	Common	05/26/2023	75000	337335.30
Michael Castagna 30930 Russell Ranch Road Suite 300 Westlake Village CA 91346	Common	06/01/2023	10000	44896.39
Michael Castagna 30930 Russell Ranch Road Suite 300 Westlake Village CA 91346	Common	07/03/2023	4414	17783.55
Michael Castagna 30930 Russell Ranch Road Suite 300 Westlake Village CA 91346	Common	07/05/2023	5586	22178.22

144: Remarks and Signature

Remarks
Date of Notice
Date of Plan Adoption or Giving of Instruction, If Relying on Rule 10b5-1

ATTENTION:

The person for whose account the securities to which this notice relates are to be sold hereby represents by signing this notice that he does not know any material adverse information in regard to the current and prospective operations of the Issuer of the securities to be sold which has not been publicly disclosed. If such person has adopted a written trading plan or given trading instructions to satisfy Rule 10b5-1 under the Exchange Act, by signing the form and indicating the date that the plan was adopted or the instruction given, that person makes such representation as of the plan adoption or instruction date.

08/01/2023

12/19/2022

^{*} If the securities were purchased and full payment therefor was not made in cash at the time of purchase, explain in the table or in a note thereto the nature of the consideration given. If the consideration consisted of any note or other obligation, or if payment was made in installments describe the arrangement and state when the note or other obligation was discharged in full or the last installment paid.

Signature Michael Castagna

ATTENTION: Intentional misstatements or omission of facts constitute Federal Criminal Violations (See 18 U.S.C. 1001)