

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 0001651036  
Filer CCC XXXXXXXXX  
Is this a LIVE or TEST Filing?  LIVE  TEST

### Submission Contact Information

Name  
Phone  
E-Mail Address

## 144: Issuer Information

Name of Issuer BLUEPRINT MEDICINES CORPORATION  
SEC File Number 001-37359  
Address of Issuer 45 Sidney Street  
Cambridge  
MASSACHUSETTS  
02139  
Phone (617) 374-7580  
Name of Person for Whose Account the Securities are To Be Sold MICHAEL LANDSITTEL

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	Number of Shares or Other Units Outstanding	Approximate Date of Sale	Name the Securities Exchange
Common	Morgan Stanley Smith Barney LLC Executive Financial Services 1 New York Plaza 8th Floor New York NY 10004	13734	1205621.95	61232297	03/15/2024	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 Transaction	Person from Whom Acquired	this a Gift?	Donor Acquired	Securities Acquired	Payment	Payment *
Common	03/15/2024	Stock Option Exercise	Issuer	<input type="checkbox"/>		5000	03/15/2024	Cash
Common	03/01/2022	Restricted Stock	Issuer	<input type="checkbox"/>		2492	03/01/2022	Not Applicable
Common	03/01/2020	Restricted Stock	Issuer	<input type="checkbox"/>		913	03/01/2020	Not Applicable
Common	03/01/2021	Restricted Stock	Issuer	<input type="checkbox"/>		2931	03/01/2021	Not Applicable
Common	03/01/2023	Restricted Stock	Issuer	<input type="checkbox"/>		2398	03/01/2023	Not Applicable

\* 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.

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 LANDSITTEL 45 Sidney Street Cambridge MA 02139	COMMON	03/07/2024	5003	453712.06

## 144: Remarks and Signature

Remarks

Date of Notice

03/15/2024

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

12/06/2023

**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.

Signature

/s/ Michael David Landsittel

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