UNITED STATES SECURITIES AND EXCHANGE COMMISSION Form 144 Filer Information Washington, D.C. 20549

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 0001725922 Filer CCC XXXXXXXX Is this a LIVE or TEST Filing? LIVE Submission Contact Information

Name Phone E-Mail Address

144: Issuer Information

Name of Issuer ROCKET PHARMACEUTICALS, INC. SEC File Number 001-36829 **350 FIFTH AVENUE SUITE 7530** Address of Issuer NEW YORK NEW YORK 10118 Phone 646-440-9100 Name of Person for Whose Account the Securities are To Be Sold Shah Gaurav 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
Relationship to Issuer	Directo

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		Approximate Date of Sale	SACHPITIAG
Common	Fidelity Brokerage Services LLC 900 Salem Street Smithfield RI 02917	9650	178558.77	90975859	08/16/2024	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 Name of Is Date Date of Nature of Date you Nature of Amount of

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Class	Acquired	Acquisition Transaction	Whom Acquired	Donor Acquired	Securities Acquired	Payment	Payment *
Common	08/14/2024 Re Ve	estricted Stock	Issuer		9650	08/14/2024 Co	ompensation

* 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
Guarav Shah 9 Cedarbrook Drive Cranbury NJ 08512	Common	05/16/2024	9790	228632.72

144: Remarks and Signature

Remarks Sale includes an amount necessary to cover a tax obligation resulting from the settlement of a vested equity award distribution.

Date of 08/16/2024

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/ Jared Cook, as a duly authorized representative of Fidelity Brokerage Services LLC, as attorney-in-fact for Gaurav Shah

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