

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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hours per response: 0.5Filed 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* <u>Shah Rajeev M.</u>	2. Date of Event Requiring Statement (Month/Day/Year) 01/29/2020	3. Issuer Name and Ticker or Trading Symbol <u>Black Diamond Therapeutics, Inc. [ BDTX ]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director Officer (give title below)	5. If Amendment, Date of Original Filed (Month/Day/Year) 10% Owner Other (specify below)
(Last) (First) (Middle) <u>C/O RA CAPITAL MANAGEMENT, L.P.</u> <u>200 BERKELEY STREET, 18TH FLOOR</u>	(Street) <u>BOSTON MA 02116</u>	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person	
(City) (State) (Zip)			

## Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)

## Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)	
	Date Exercisable	Expiration Date					
Series B Preferred Stock	(1)	(1)	Common Stock	956,723	(1)	I	See footnote <sup>(2)</sup>
Series B Preferred Stock	(1)	(1)	Common Stock	163,353	(1)	I	See footnote <sup>(3)</sup>
Series B Preferred Stock	(1)	(1)	Common Stock	186,749	(1)	I	See footnote <sup>(4)</sup>
Series C Preferred Stock	(5)	(5)	Common Stock	181,783	(5)	I	See footnote <sup>(2)</sup>
Series C Preferred Stock	(5)	(5)	Common Stock	70,770	(5)	I	See footnote <sup>(3)</sup>
Series C Preferred Stock	(5)	(5)	Common Stock	30,526	(5)	I	See footnote <sup>(4)</sup>

## Explanation of Responses:

- Each share of Series B Preferred Stock is convertible into shares of the Issuer's Common Stock on a one-for-3.01581 basis. Upon the closing of the Issuer's initial public offering, all shares of Series B Preferred Stock will convert into the number of shares of Common Stock of the Issuer shown in column 3. The Series B Preferred Stock has no expiration date.
- Shares held by RA Capital Healthcare Fund, L.P. (the "Fund"). RA Capital Management, L.P. (the "Adviser") is the investment manager for the Fund. The general partner of the Adviser is RA Capital Management GP, LLC (the "Adviser GP"), of which Mr. Shah is a managing member. Mr. Shah disclaims beneficial ownership of the reported securities held by the Fund except to the extent of his pecuniary interest therein.
- Shares held by RA Capital Nexus Fund, L.P. (the "Nexus Fund"). The Adviser is the investment manager for the Nexus Fund. The general partner of the Adviser is the Adviser GP, of which Mr. Shah is a managing member. Mr. Shah disclaims beneficial ownership of the reported securities held by the Nexus Fund except to the extent of his pecuniary interest therein.
- Shares held in an account owned by a separately managed account (the "Account"). The Adviser is the investment manager for the Account. The general partner of the Adviser is the Adviser GP, of which Mr. Shah is a managing member. Mr. Shah has no pecuniary interest in the reported securities held in the Account and therefore disclaims beneficial ownership of those securities.
- Each share of Series C Preferred Stock is convertible into shares of the Issuer's Common Stock on a one-for-3.01581 basis. Upon the closing of the Issuer's initial public offering, all shares of Series C Preferred Stock will convert into the number of shares of Common Stock of the Issuer shown in column 3. The Series C Preferred Stock has no expiration date.

## Remarks:

Exhibit 24 - Power of Attorney

/s/ Brent Hatzis-Schoch, as  
Attorney-in-Fact01/29/2020

\*\* Signature of Reporting Person Date

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

\* If the form is filed by more than one reporting person, see Instruction 5 (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.

## POWER OF ATTORNEY

Know all by these presents, that the undersigned hereby constitutes and appoints each of Thomas Leggett, Brent Hatzis-Schoch, Marishka DeToy, and Karin Yoo, signing singly, the undersigned's true and lawful attorney-in-fact to:

- (1) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer and/or director of Black Diamond Therapeutics, Inc., a Delaware corporation (the "Company"), (i) Form ID, including any attached documents, to effect the assignment of codes to the undersigned to be used in the transmission of information to the United States Securities and Exchange Commission using the EDGAR System, (ii) Forms 3, 4 and 5, (iii) Schedule 13D, (iv) Schedule 13G and (v) amendments of each thereof, in accordance with Section 16(a) of the Securities Exchange Act of 1934, as amended, and the rules thereunder;
- (2) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 3, 4 or 5, Schedule 13D, Schedule 13G or any amendments thereto and timely file such form with the United States Securities and Exchange Commission and any stock exchange or similar authority; and
- (3) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this Power of Attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 or Regulation 13D-G of the Securities Exchange Act of 1934, as amended. The undersigned hereby agrees to indemnify the attorney-in-fact and the Company from and against any demand, damage, loss, cost or expense arising from any false or misleading information provided by the undersigned to the attorney-in-fact.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact. This Power of Attorney may be filed with the United States Securities and Exchange Commission as a confirming statement of the authority granted herein. This Power of Attorney supersedes any prior power of attorney in connection with the undersigned's capacity as an officer and/or director of the Company. This Power of Attorney shall expire as to any individual attorney-in-fact if such attorney-in-fact ceases to be an executive officer of the Company.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of January 29, 2020.

/s/ Rajeev Shah

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Rajeev Shah