FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

| Name and Address of Reporting Person* Karp Daniel | | | . Date of Event Requiring Stater Month/Day/Yea | ment | 3. Issuer Name and Ticker or Trading Symbol BIOGEN INC. [BIIB] | | | | | |
|--|---------------|----------------|--|--|--|--|--|--|---|--|
| (Last) | | | 06/11/2018 | | Relationship of Reporting Pers (Check all applicable) Director | | on(s) to Issu | (M | i. If Amendment, Date of Original Filed Month/Day/Year) | |
| BIOGEN INC. 225 BINNEY S | | | | | X | Officer (give title below) EVP, Corporate Dev | Other (spe | cify 6. | 6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person | |
| (Street) CAMBRIDGE (City) | MA (State) | 02142 (Zip) | | | | LVI, Colporate Bevo | сторинент | | Form filed by More than One Reporting Person | |
| Table I - Non-Derivative Securities Beneficially Owned | | | | | | | | | | |
| 1. Title of Security (Instr. 4) | | | | | | ally Owned (Instr. 4) | | | 4. Nature of Indirect Beneficial Ownership (Instr. 5) | |
| Common Stock | | | | | | 0 | D | | | |
| Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | |
| 1. Title of Derivative Security (Instr. 4) 2. Date Exercisable a Expiration Date (Month/Day/Year) Date Expirate Exercisable and Expiration Date (Month/Day/Year) | | | ite | nd 3. Title and Amount of Secu Underlying Derivative Secu 4) | | | 4. Conversion | Form: | 6. Nature of Indirect Beneficial Ownership (Instr. 5) | |
| | | | | Expiration Date | n Title | | Amount or Number of Shares | Exercise Price of Derivative Security | Direct (D) or Indirect (I) (Instr. 5) | |

Explanation of Responses:

Suzanne Murray, Attorney in Fact for Daniel Karp

06/19/2018

** Signature of Reporting Person Date

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

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.

 $^{^{\}star}$ 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).

Know all by these presents, that the undersigned hereby makes, constitutes and appoints Susan H. Alexander, James Basta, Marcia J. Gookin and Suzanne Murray as the undersigned's true and lawful attorney-in-fact, with full power and authority as hereinafter described on behalf of and in the name, place and stead of the undersigned to:

- (1) prepare, execute in the undersigned?s name and on the undersigned?s behalf, and submit to the U.S. Securities and Exchange Commission (the ?SEC?) a Form ID, including amendments thereto, and any other documents necessary or appropriate to obtain codes and passwords enabling the undersigned to make electronic filings with the SEC of reports required by Section 16(a) of the Securities Exchange Act of 1934 and the rules and regulations promulgated thereunder, as amended from time to time (the "Exchange Act"), or any rule or regulation of the SEC;
- (2) prepare, execute, acknowledge, deliver and file Forms 3, 4, and 5 (including any amendments thereto) with respect to the securities of Biogen Inc., a Delaware corporation (the "Company"), with the SEC, any national securities exchanges and the Company, as considered necessary or advisable under Section 16(a) of the Exchange Act;
- (3) seek or obtain, as the undersigned's representative and on the undersigned's behalf, information on transactions in the Company's securities from any third party, including brokers, employee benefit plan administrators and trustees, and the undersigned hereby authorizes any such person to release any such information to the undersigned and approves and ratifies any such release of information; and
- (4) perform any and all other acts which in the discretion of such attorney-in-fact are necessary or desirable for and on behalf of the undersigned in connection with the foregoing.

The undersigned acknowledges that:

- (A) this Limited Power of Attorney authorizes, but does not require, such attorney-in-fact to act in their discretion on information provided to such attorney-in-fact without independent verification of such information;
- (B) any documents prepared and/or executed by such attorney-in-fact on behalf of the undersigned pursuant to this Limited Power of Attorney will be in such form and will contain such information and disclosure as such attorney-in-fact, in his or her discretion, deems necessary or desirable;
- (C) neither the Company nor such attorney-in-fact assumes (i) any liability for the undersigned's responsibility to comply with the requirement of the Exchange Act, (ii) any liability of the undersigned for any failure to comply with such requirements, or (iii) any obligation or liability of the undersigned for profit disgorgement under Section 16(b) of the Exchange Act; and
- (D) this Limited Power of Attorney does not relieve the undersigned from responsibility for compliance with the undersigned's obligations under the Exchange Act, including without limitation the reporting requirements under Section 16 of the Exchange Act.

The undersigned hereby gives and grants the foregoing attorney-in-fact full power and authority to do and perform all and every act and thing whatsoever requisite, necessary or appropriate to be done in and about the foregoing matters as fully to all intents and purposes as the undersigned might or could do if present, hereby ratifying all that such attorney-in-fact of, for and on behalf of the undersigned, shall lawfully do or cause to be done by virtue of this Limited Power of Attorney.

This Limited Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to such attorney-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Limited

Power of Attorney to be executed as of this 11th day of June, 2018.

_/s/ Daniel Karp__

Signature

Name: Daniel Karp