

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

OMB APPROVAL	
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Filed 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>Karaboutis Adriana</u> _____ (Last) (First) (Middle) BIOGEN INC. 225 BINNEY STREET _____ (Street) CAMBRIDGE MA 02142 _____ (City) (State) (Zip)			2. Issuer Name and Ticker or Trading Symbol <u>BIOGEN INC. [ BIIB ]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner X Officer (give title below) Other (specify below) <u>EVP, Tech, Bus. Sol &amp; Corp Aff</u>		
			3. Date of Earliest Transaction (Month/Day/Year) <u>02/28/2017</u>					
			4. If Amendment, Date of Original Filed (Month/Day/Year)			6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person		

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	02/28/2017 <sup>(1)</sup>		M		570	A	\$0	7,996	D	
Common Stock	02/28/2017 <sup>(1)</sup>		F		253	D	\$284.75	7,743	D	
Common Stock	02/28/2017 <sup>(2)</sup>		M		1,494	A	\$0	9,237	D	
Common Stock	02/28/2017 <sup>(2)</sup>		F		485	D	\$287.63	8,752	D	

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Restricted Stock Unit	\$0	02/28/2017		J		1,198 <sup>(3)</sup>		(4)	02/22/2019	Common Stock	1,198	\$0	6,886	D	
Restricted Stock Unit	\$0	02/28/2017		J		952 <sup>(3)</sup>		(5)	02/23/2018	Common Stock	952	\$0	2,092	D	
Restricted Stock Unit	\$0	02/28/2017 <sup>(1)</sup>		M		570 <sup>(6)</sup>		(5)	02/23/2018	Common Stock	570 <sup>(6)</sup>	\$0	1,522 <sup>(6)</sup>	D	
Restricted Stock Unit	\$0	02/28/2017 <sup>(2)</sup>		M		1,494 <sup>(7)</sup>		(4)	02/22/2019	Common Stock	1,494 <sup>(7)</sup>	\$0	5,392 <sup>(7)</sup>	D	

**Explanation of Responses:**

- This award vested on 2/23/2017 and the actual number of shares that vested was determined in accordance with the terms of such award. Due to adjustments to the award to account for the Bioerativ Inc. spin-off, the number of vested shares was not determinable until 2/28/2017. Such adjusted number of vested shares was distributed to the reporting person on 2/28/2017.
- This award vested on 2/22/2017 and the actual number of shares that vested was determined in accordance with the terms of such award. Due to adjustments to the award to account for the Bioerativ Inc. spin-off, the number of vested shares was not determinable until 2/28/2017. Such adjusted number of vested shares was distributed to the reporting person on 2/28/2017.
- This represents the difference between the maximum possible number of shares that were eligible for vesting and the actual number of shares that vested.
- The number of RSUs reported represents the maximum possible number of shares that are eligible for vesting, which is 200% of the number of shares at target payout. One-third of these RSUs are eligible to vest on each of the first three anniversaries of the grant date. The actual number of shares that will vest on each vesting date will be determined by comparing the price of Biogen common stock on such vesting date to the price on the grant date (i.e., number of vested shares = number of shares at target payout times [the 30-day average closing stock price ending on the vesting date divided by the 30-day average closing stock price on the grant date]).
- The number of RSUs reported represents the maximum possible number of shares that are eligible for vesting, which is 200% of the number of shares at target payout. One-third of these RSUs are eligible to vest on each of the first three anniversaries of the grant date. The actual number of shares that will vest on each vesting date will be determined by comparing the price of Biogen common stock on such vesting date to the price on the grant date (i.e., number of vested shares = number of shares at target payout times [the 30-day average closing stock price ending on the vesting date divided by the 30-day average closing stock price on the grant date]).
- This award was previously reported as covering 2,974 shares, but was adjusted pursuant to the anti-dilution provisions of the award in connection with the spin-off of Bioerativ Inc. on February 1, 2017.
- This award was previously reported as covering 7,900 shares, but was adjusted pursuant to the anti-dilution provisions of the award in connection with the spin-off of Bioerativ Inc. on February 1, 2017.

Steven Avruch, Attorney in  
Fact for Adriana Karaboutis 03/02/2017

\*\* 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 4 (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.

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