

PUMA BIOTECHNOLOGY, INC.  
Form SC 13G  
February 12, 2016

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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

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SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934  
(Amendment No. \_\_\_)\*

Puma Biotechnology, Inc

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(Name of Issuer)

Common Stock

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(Title of Class of Securities)

74587V107

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(CUSIP Number)

December 31, 2015

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(Date of Event Which Requires Filing of this Statement)

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Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

\* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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1. NAME OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

Grantham, Mayo, Van Otterloo & Co. LLC 04-2691242

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a)

(b)

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

Boston, Massachusetts USA

5. SOLE VOTING POWER

NUMBER OF  
SHARES

2,899,776

6. SHARED VOTING POWER

BENEFICIALLY

OWNED BY

0

EACH

7. SOLE DISPOSITIVE POWER

REPORTING

PERSON

2,899,776

WITH

8. SHARED DISPOSITIVE POWER

0

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,899,776

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

8.9401%

12. TYPE OF REPORTING PERSON

IA



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Item 1.

- (a) Name of Issuer  
Puma Biotechnology, Inc
- (b) Address of Issuer's Principal Executive Offices  
10880 Wilshire Boulevard, Suite 2150, Los Angeles, CA 90024

Item 2.

- (a) Name of Person Filing  
GRANTHAM, MAYO, VAN OTTERLOO & CO. LLC
- (b) Address of the Principal Office or, if none, residence  
40 Rowes Wharf, Boston, MA 02110
- (c) Citizenship  
USA
- (d) Title of Class of Securities  
Common Stock
- (e) CUSIP Number  
74587V107

Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

- (a)  Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).
- (b)  Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).
- (c)  Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).
- (d)  Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
- (e)  An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
- (f)  An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);
- (g)

A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G);

- (h) o A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
  - (i) o A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
  - (j) o Group, in accordance with §240.13d-1(b)(1)(ii)(J).
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Item 4. Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

- (a) Amount beneficially owned: 2,899,776
- (b) Percent of class: 8.9401%
- (c) Number of shares as to which the person has: 2,899,776
  - (i) Sole power to vote or to direct the vote 2,899,776
  - (ii) Shared power to vote or to direct the vote N/A
  - (iii) Sole power to dispose or to direct the disposition of 2,899,776
  - (iv) Shared power to dispose or to direct the disposition of N/A

Instruction. For computations regarding securities which represent a right to acquire an underlying security see §240.13d-3(d)(1).

Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following o.

Instruction. Dissolution of a group requires a response to this item.

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Not applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company.

Not applicable.

Item 8. Identification and Classification of Members of the Group.

Not applicable.

Item 9. Notice of Dissolution of Group.

Not applicable.

Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

February 12, 2016  
Date

/s/ Gregory L. Pottle  
Signature

Gregory L. Pottle, Chief Compliance Officer  
Name/Title