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

SCHEDULE TO

Amendment No. 5

Tender Offer Statement under Section 14(d)(1) or 13(e)(1) of the Securities Exchange Act of 1934

MEDAREX, INC. (Name of Subject Company (Issuer))

PUMA ACQUISITION CORPORATION
(Offeror)
A Wholly Owned Subsidiary of

BRISTOL-MYERS SQUIBB COMPANY

(Offeror)

(Names of Filing Persons (identifying status as offeror, issuer or other person))

COMMON STOCK, \$0.01 PAR VALUE (Title of Class of Securities)

583916101 (CUSIP Number of Class of Securities)

Sandra Leung, Esq.
Senior Vice President, General
Counsel & Secretary
P. Joseph Campisi, Jr., Esq.
Vice President & Senior Counsel
Bristol-Myers Squibb Company
345 Park Avenue
New York, New York 10154
(212) 546-4000

(Name, address, and telephone numbers of person authorized to receive notices and communications on behalf of filing persons)

Copies to:

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CALCULATION OF FILING FEE

Transaction Valuation(1) \$2,503,857,888 Amount of Filing Fee(2) \$139,715.27

- (1) Estimated for purposes of calculating the filing fee only. This amount was determined by multiplying 156,491,118 shares of Medarex common stock (representing the shares of common stock outstanding (other than shares owned by Bristol-Myers Squibb Company and its subsidiaries), in-the-money options, shares of common stock subject to restricted stock units, shares of common stock issuable upon conversion of Medarex's outstanding 2.25% Convertible Senior Notes, due May 15, 2011, and shares of common stock subject to outstanding rights under the employee stock purchase plan of Medarex, in each case as of July 21, 2009), by \$16.00 per share, which is the offer price.

 (2) The filing fee was calculated in accordance with Rule 0-11 under the Securities Exchange Act of 1934, as amended, and Fee Rate Advisory #5 for fiscal year 2009, issued March 11, 2009, by multiplying the transaction value by 0.0000558.
- x Check the box if any part of the fee is offset as provided by Rule 0-11(a)(2) and identify the filing with which the offsetting fee was previously paid. Identify the previous filing by registration statement number, or the form or schedule and the date of its filing.

Amount Previously Paid: \$139,715.27 Filing Party: Bristol-Myers Squibb Company and Puma Acquisition

Corporation

Form of Registration No.: Schedule Date Filed: July 28, 2009

TO

o Check the box if the filing relates solely to preliminary communications made before the commencement of a tender offer.

Check the appropriate boxes below to designate any transactions to which the statement relates:

- x Third-party tender offer subject to Rule 14d-1.
- o Issuer tender offer subject to Rule 13e-4.
- o Going-private transaction subject to Rule 13e-3.
- o Amendment to Schedule 13D under Rule 13d-2.

Check the following box if the filing is a final amendment reporting the results of the tender offer. x	

This Amendment No. 5 to the Tender Offer Statement on Schedule TO (this "Amendment") is filed by (i) Puma Acquisition Corporation, a New Jersey corporation ("Purchaser") and wholly owned subsidiary of Bristol-Myers Squibb Company, a Delaware corporation ("Parent"), and (ii) Parent. This Amendment amends and supplements the Tender Offer Statement on Schedule TO filed with the Securities and Exchange Commission on July 28, 2009, as amended (together with any amendments and supplements thereto, the "Schedule TO"), and relates to the offer (the "Offer") by Purchaser to purchase all of the outstanding shares of common stock, par value \$0.01 per share, including all rights to purchase Series A Junior Participating Preferred Stock issued pursuant to the Rights Agreement dated as of May 23, 2001, between Medarex, Inc. (the "Company") and Continental Stock Transfer & Trust, as amended from time to time (the "Shares"), of the Company, a New Jersey corporation, that are not already owned by Parent and its subsidiaries, at a purchase price of \$16.00 per Share net to the seller in cash, without interest and less any required withholding taxes, upon the terms and subject to the conditions set forth in the Offer to Purchase dated July 28, 2009 (together with any amendments and supplements thereto, the "Offer to Purchase") and in the related Letter of Transmittal.

Capitalized terms used and not defined herein shall have the meanings assigned to such terms in the Offer to Purchase.

Items 1 through 9 and 11.

Items 1 through 9 and 11 of the Schedule TO are hereby amended and supplemented to include the following:

"The subsequent offering period for the Offer expired as scheduled at 12:00 midnight, New York City time, on August 31, 2009. The subsequent offering period was not extended. Based on the information provided by the Depositary to Parent, approximately 2,815,730 Shares were validly tendered during the subsequent offering period and a total of approximately 120,417,467 Shares were validly tendered during the initial offering period and the subsequent offering period taken together, representing, together with the 2,879,223 Shares owned by Parent since January 2005 and contributed from Parent to Purchaser on August 31, 2009, approximately 90.7% of the Shares outstanding. Purchaser has accepted for payment all Shares validly tendered and not withdrawn during the initial offering period and all shares validly tendered during the subsequent offering period.

Pursuant to the terms of the Merger Agreement, Parent intends to consummate the Merger following the expiration of the subsequent offering period. The Merger Agreement provides, among other things, that, subject to certain conditions, Purchaser will be merged with and into the Company, with the Company continuing as the Surviving Corporation, wholly owned by Parent. Pursuant to the Merger Agreement, at the effective time of the Merger (the "Effective Time"), each Share outstanding immediately prior to the Effective Time (other than Shares held by the Company as treasury stock or owned by Parent or Purchaser immediately prior to the Effective Time, all of which will automatically be canceled and will cease to exist) will be converted into the right to receive \$16.00 net in cash, without interest and less any required withholding taxes, which is the same amount per Share that was paid in the Offer. Following the Merger, the Company will be a wholly owned subsidiary of Parent, and the Shares will no longer be listed on NASDAO.

The press release issued by Parent announcing the expiration of the subsequent offering period and the completion of the Offer is attached hereto as Exhibit (a)(5)(G) and is incorporated herein by reference."

Item 12. Exhibits.

Item 12 of the Schedule TO is hereby amended and supplemented by adding the following exhibit:

"(a)(5)(G) Press Release issued by Bristol-Myers Squibb Company on September 1, 2009."

SIGNATURE

After due 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.

PUMA ACQUISITION CORPORATION

By: /s/ Jeremy Levin

Name: Dr. Jeremy Levin

Title: President

Date: September 1, 2009

BRISTOL-MYERS SQUIBB COMPANY

By: /s/ Jeremy Levin

Name: Dr. Jeremy Levin

Title: Senior Vice President,

Strategic Transactions

Date: September 1, 2009

Exhibit Exhibit Name

(a)(5)(G) Press Release issued by Bristol-Myers Squibb Company on September 1, 2009.