

MYRIAD GENETICS INC  
Form 8-K  
April 13, 2009

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

**Washington, D.C. 20549**

**FORM 8-K**

**CURRENT REPORT**

**Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): April 08, 2009

**MYRIAD GENETICS, INC.**

(Exact name of registrant as specified in its charter)

**Delaware**  
(State or other jurisdiction  
of incorporation)

**0-26642**  
(Commission

**87-0494517**  
(IRS Employer

File Number)  
**320 Wakara Way**

Identification No.)

**Salt Lake City, Utah 84108**

(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code: (801) 584-3600

**Not Applicable**

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (*see* General Instruction A.2. below):

.. Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

.. Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

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- .. Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  
- .. Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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**ITEM 8.01 Other Events.**

On April 08, 2009, Myriad Pharmaceuticals, Inc., a wholly owned subsidiary of Myriad Genetics, Inc. ( Myriad ), announced that the FDA has approved an Investigational New Drug (IND) application to begin a Phase 1 clinical study on its compound MPC-3100 for the treatment of cancer. MPC-3100 is designed to inhibit Heat Shock Protein 90 ( Hsp90 ), a protein which regulates the activity of other proteins and oncogenes known to control cell division. By inhibiting Hsp90, MPC-3100 is designed to inhibit the growth of cancerous tumors.

The press release is being filed herewith as Exhibit 99.1 and the information contained therein is incorporated by reference into Item 8.01 of this Current Report on Form 8-K.

**ITEM 9.01 Financial Statements and Exhibits.**

(d) Exhibits.

<b>Number</b>	<b>Description</b>
99.1	Press release dated April 08, 2009.

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

**MYRIAD GENETICS, INC.**

Date: April 13, 2009

By: /s/ Peter D. Meldrum  
Peter D. Meldrum  
President and Chief Executive Officer

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EXHIBIT INDEX

<b>Exhibit Number</b>	<b>Description</b>
99.1	Press release dated April 08, 2009.

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