

MEDICINES CO /DE  
Form 8-K  
September 10, 2007

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

**WASHINGTON D.C. 20549**

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**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): **September 10, 2007**

**The Medicines Company**

(Exact Name of Registrant as Specified in Charter)

**Delaware**  
(State or Other Jurisdiction  
of Incorporation)

**000-31191**  
(Commission  
File Number)

**04-3324394**  
(IRS Employer  
Identification No.)

**8 Campus Drive**  
**Parsippany, New Jersey**  
(Address of Principal Executive Offices)

**07054**  
(Zip Code)

Registrant's telephone number, including area code: **(973) 656-1616**

(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)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

- o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 7.01. Regulation FD Disclosure.**

The Medicines Company (the Company ) plans to make a company presentation at the Bear Stearns 20th Annual Healthcare Conference on September 10, 2007. The slides that the Company will present are furnished as Exhibit 99.1 to this Current Report on Form 8-K.

**Item 9.01. Financial Statements and Exhibits.**

(d) Exhibits

99.1

Presentation Slides for the Bear Stearns 20th Annual Healthcare Conference on September 10, 2007.

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**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.

THE MEDICINES COMPANY

Date: September 10, 2007

By: /s/ Paul M. Antinori  
Paul M. Antinori  
Senior Vice President and General Counsel

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**Exhibit Index**

Exhibit

No.      **Description**

99.1      Presentation Slides for the Bear Stearns 20th Annual Healthcare Conference on September 10, 2007

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