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MEDICINES CO /DE
Form SC 13G
March 23, 2006

OMB APPROVAL

OMB Number: 3235-0145
Expires: December 31, 2005
Estimated average burden
hours per response.....11

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934
(Amendment No. __)*

The Medicines Company

(Name of Issuer)

Common Stock, par value \$0.001 per Share

(Title of Class of Securities)

584688105

(CUSIP Number)

March 15, 2006

(Date of Event which Requires Filing of this Statement)

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 the 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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(Continued on following pages)
Page 1 of 27 Pages
Exhibit Index Found on Page 28

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=====
CUSIP No. 584688105
=====

1 NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Farallon Capital Partners, L.P.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)
(a) []
(b) [X]**

** The reporting persons making this filing hold an aggregate of 2,817,500 Shares, which is 5.7% of the class of securities. The reporting person on this cover page, however, is a beneficial owner only of the securities reported by it on this cover page.

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION
California

5 SOLE VOTING POWER
NUMBER OF -0-

6 SHARED VOTING POWER
SHARES BENEFICIALLY OWNED BY 486,300

7 SOLE DISPOSITIVE POWER
EACH REPORTING PERSON WITH -0-

8 SHARED DISPOSITIVE POWER
486,300

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
486,300

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions) []

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```

=====
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
    1.0%
=====
12 TYPE OF REPORTING PERSON (See Instructions)
    PN
=====

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=====
CUSIP No. 584688105
=====

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=====
1 NAMES OF REPORTING PERSONS
  I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

  Farallon Capital Institutional Partners, L.P.
=====

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=====
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)
                                     (a) [   ]
                                     (b) [ X ]**

  ** The reporting persons making this filing hold an
     aggregate of 2,817,500 Shares, which is 5.7% of the
     class of securities. The reporting person on this
     cover page, however, is a beneficial owner only of
     the securities reported by it on this cover page.
=====

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=====
3 SEC USE ONLY
=====

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```

=====
4 CITIZENSHIP OR PLACE OF ORGANIZATION
  California
=====

```

```

=====
5 SOLE VOTING POWER
  NUMBER OF          -0-
  SHARES
=====

```

```

=====
6 SHARED VOTING POWER
  BENEFICIALLY      434,100
  OWNED BY
=====

```

```

=====
7 SOLE DISPOSITIVE POWER
  EACH              -0-
  REPORTING
  PERSON WITH
=====

```

```

=====
8 SHARED DISPOSITIVE POWER
  434,100
=====

```

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

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9

434,100

10

CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions) []

11

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
0.9%

12

TYPE OF REPORTING PERSON (See Instructions)
PN

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=====
CUSIP No. 584688105
=====

1

NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Farallon Capital Institutional Partners II, L.P.

2

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)
(a) []
(b) [X]**

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3

SEC USE ONLY

4

CITIZENSHIP OR PLACE OF ORGANIZATION
California

5 SOLE VOTING POWER
NUMBER OF -0-
SHARES
6 SHARED VOTING POWER
BENEFICIALLY OWNED BY 49,800
7 SOLE DISPOSITIVE POWER
EACH
REPORTING PERSON WITH -0-

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SHARED DISPOSITIVE POWER

8

49,800

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

49,800

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions) []

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

0.1%

12 TYPE OF REPORTING PERSON (See Instructions)

PN

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=====
CUSIP No. 584688105
=====

1 NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Farallon Capital Institutional Partners III, L.P.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)
(a) []
(b) [X]**

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3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5 NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON
-0-
6 SHARED VOTING POWER

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OWNED BY 39,100

EACH 7 SOLE DISPOSITIVE POWER
REPORTING -0-
PERSON WITH -----
8 SHARED DISPOSITIVE POWER
39,100

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
39,100

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES []
CERTAIN SHARES (See Instructions)

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
0.1%

12 TYPE OF REPORTING PERSON (See Instructions)
PN

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=====
CUSIP No. 584688105
=====

1 NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Tinicum Partners, L.P.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)
(a) []
(b) [X]**

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3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

New York

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		SOLE VOTING POWER
5		
NUMBER OF		-0-
		=====
		SHARED VOTING POWER
6		
BENEFICIALLY		16,800
OWNED BY		=====
		SOLE DISPOSITIVE POWER
7		
EACH		-0-
		=====
		SHARED DISPOSITIVE POWER
8		
REPORTING		16,800
PERSON WITH		=====
		AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
9		
		16,800
		=====
10		CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions) []
		=====
11		PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
		0.0%
		=====
12		TYPE OF REPORTING PERSON (See Instructions)
		PN
		=====

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13G

=====
CUSIP No. 584688105
=====

		NAMES OF REPORTING PERSONS
1		I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)
		Farallon Capital Offshore Investors II, L.P.
		=====
		CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)
		(a) []
		(b) [X]**
2		
	**	The reporting persons making this filing hold an aggregate of 2,817,500 Shares, which is 5.7% of the class of securities. The reporting person on this cover page, however, is a beneficial owner only of the securities reported by it on this cover page.
		=====
3		SEC USE ONLY

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4 CITIZENSHIP OR PLACE OF ORGANIZATION
Cayman Islands

5 SOLE VOTING POWER
NUMBER OF -0-

6 SHARED VOTING POWER
SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH 564,717

7 SOLE DISPOSITIVE POWER
-0-

8 SHARED DISPOSITIVE POWER
564,717

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
564,717

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions) []

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
1.1%

12 TYPE OF REPORTING PERSON (See Instructions)
PN

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=====
CUSIP No. 584688105
=====

1 NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)
Farallon Partners, L.L.C.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)
(a) []
(b) [X]**

** The reporting persons making this filing hold an

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aggregate of 2,817,500 Shares, which is 5.7% of the class of securities. The reporting person on this cover page, however, may be deemed a beneficial owner only of the securities reported by it on this cover page.

=====	
3	SEC USE ONLY
=====	
CITIZENSHIP OR PLACE OF ORGANIZATION	
4	Delaware
=====	
	SOLE VOTING POWER
5	-0-
NUMBER OF	-----
SHARES	SHARED VOTING POWER
BENEFICIALLY	6
OWNED BY	1,590,817
EACH	-----
	SOLE DISPOSITIVE POWER
7	-0-
REPORTING	-----
PERSON WITH	SHARED DISPOSITIVE POWER
8	1,590,817
=====	
AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
9	1,590,817
=====	
CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES	
10	CERTAIN SHARES (See Instructions) []
=====	
PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)	
11	3.2%
=====	
TYPE OF REPORTING PERSON (See Instructions)	
12	00
=====	

13G

=====
CUSIP No. 584688105
=====

=====	
NAMES OF REPORTING PERSONS	
1	I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

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Farallon Capital Management, L.L.C.

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a) []

(b) [X]**

2

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3

SEC USE ONLY

4

CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

		5	SOLE VOTING POWER
NUMBER OF			-0-
SHARES			
BENEFICIALLY		6	SHARED VOTING POWER
OWNED BY			1,226,683
EACH			
REPORTING		7	SOLE DISPOSITIVE POWER
PERSON WITH			-0-
		8	SHARED DISPOSITIVE POWER
			1,226,683

9

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,226,683

10

CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions) []

11

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

2.5%

12

TYPE OF REPORTING PERSON (See Instructions)

IA, OO

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CUSIP No. 584688105

=====

1 NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Chun R. Ding

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)
(a) []
(b) [X]**

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3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

United States

	5	SOLE VOTING POWER
NUMBER OF		-0-
	6	SHARED VOTING POWER
SHARES		2,817,500
BENEFICIALLY		
OWNED BY		
EACH	7	SOLE DISPOSITIVE POWER
REPORTING		-0-
PERSON WITH		
	8	SHARED DISPOSITIVE POWER
		2,817,500

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,817,500

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions) []

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

5.7%

12 TYPE OF REPORTING PERSON (See Instructions)

IN

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13G

=====
CUSIP No. 584688105
=====

NAMES OF REPORTING PERSONS
1 I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

William F. Duhamel

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)
(a)
2 (b) **

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3 SEC USE ONLY

CITIZENSHIP OR PLACE OF ORGANIZATION
4 United States

	5	SOLE VOTING POWER
NUMBER OF	-0-	
SHARES		-----
BENEFICIALLY	6	SHARED VOTING POWER
OWNED BY	2,817,500	
EACH		-----
REPORTING	7	SOLE DISPOSITIVE POWER
PERSON WITH	-0-	

	8	SHARED DISPOSITIVE POWER
	2,817,500	

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
2,817,500

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
5.7%

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TYPE OF REPORTING PERSON (See Instructions)

12

IN

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CUSIP No. 584688105

NAMES OF REPORTING PERSONS

1 I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Charles E. Ellwein

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a) []

(b) [X]**

2

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3 SEC USE ONLY

CITIZENSHIP OR PLACE OF ORGANIZATION

4

United States

SOLE VOTING POWER

5

NUMBER OF

-0-

SHARES BENEFICIALLY OWNED BY

6

SHARED VOTING POWER

2,817,500

EACH

7

SOLE DISPOSITIVE POWER

REPORTING PERSON WITH

-0-

SHARED DISPOSITIVE POWER

8

2,817,500

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9

2,817,500

CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES

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10 CERTAIN SHARES (See Instructions) []

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
5.7%

12 TYPE OF REPORTING PERSON (See Instructions)
IN

Page 12 of 28 Pages

13G

=====
CUSIP No. 584688105
=====

1 NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Richard B. Fried

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)
(a) []
(b) [X]**

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3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION
United States

5 SOLE VOTING POWER
NUMBER OF 5 -0-

6 SHARED VOTING POWER
SHARES BENEFICIALLY OWNED BY EACH 6 2,817,500

7 SOLE DISPOSITIVE POWER
REPORTING PERSON WITH 7 -0-

8 SHARED DISPOSITIVE POWER

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2,817,500

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
2,817,500

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES
CERTAIN SHARES (See Instructions) []

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
5.7%

12 TYPE OF REPORTING PERSON (See Instructions)
IN

Page 13 of 28 Pages

13G

=====

CUSIP No. 584688105

=====

1 NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Monica R. Landry

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)
(a) []
(b) [X]**

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3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

United States

5 SOLE VOTING POWER
NUMBER OF -0-
SHARES

6 SHARED VOTING POWER
2,817,500
BENEFICIALLY OWNED BY

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=====

EACH	SOLE DISPOSITIVE POWER
7	-0-
REPORTING PERSON WITH	SHARED DISPOSITIVE POWER
8	2,817,500

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,817,500

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions) []

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

5.7%

12 TYPE OF REPORTING PERSON (See Instructions)

IN

Page 14 of 28 Pages

13G

=====

CUSIP No. 584688105

=====

1 NAMES OF REPORTING PERSONS

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

William F. Mellin

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a) []

(b) [X]**

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3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

United States

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		SOLE VOTING POWER
5		
NUMBER OF		-0-
		=====
		SHARED VOTING POWER
6		
SHARES		2,817,500
BENEFICIALLY		
OWNED BY		=====
		SOLE DISPOSITIVE POWER
7		
EACH		
		-0-
8		
REPORTING		
PERSON WITH		=====
		SHARED DISPOSITIVE POWER
		2,817,500
		=====
9		AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
		2,817,500
		=====
10		CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions) []
		=====
11		PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
		5.7%
		=====
12		TYPE OF REPORTING PERSON (See Instructions)
		IN
		=====

13G

=====
CUSIP No. 584688105
=====

		NAMES OF REPORTING PERSONS
1		I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)
		Stephen L. Millham
		=====
		CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)
		(a) []
2		(b) [X]**
	**	The reporting persons making this filing hold an aggregate of 2,817,500 Shares, which is 5.7% of the class of securities. The reporting person on this cover page, however, may be deemed a beneficial owner only of the securities reported by it on this cover page.
		=====

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3 SEC USE ONLY

CITIZENSHIP OR PLACE OF ORGANIZATION
4 United States

SOLE VOTING POWER
5
NUMBER OF -0-

SHARED VOTING POWER
6
SHARES 2,817,500
BENEFICIALLY OWNED BY
EACH
7
SOLE DISPOSITIVE POWER
REPORTING -0-
PERSON WITH
8
SHARED DISPOSITIVE POWER
2,817,500

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
9 2,817,500

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions) []

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
11 5.7%

12 TYPE OF REPORTING PERSON (See Instructions)
IN

13G

=====
CUSIP No. 584688105
=====

NAMES OF REPORTING PERSONS
1 I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Jason E. Moment

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)
2 (a) []
(b) [X]**

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=====
3      SEC USE ONLY
=====
      CITIZENSHIP OR PLACE OF ORGANIZATION
4
      United States
=====
      SOLE VOTING POWER
      NUMBER OF          5          -0-
      SHARES
      BENEFICIALLY      6          SHARED VOTING POWER
      OWNED BY          2,817,500
      EACH
      REPORTING         7          SOLE DISPOSITIVE POWER
      PERSON WITH      -0-
      SHARED DISPOSITIVE POWER
      8          2,817,500
=====
9      AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
      2,817,500
=====
10     CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES
      CERTAIN SHARES (See Instructions)          [   ]
=====
11     PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
      5.7%
=====
12     TYPE OF REPORTING PERSON (See Instructions)
      IN
=====

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13G

=====
CUSIP No. 584688105
=====

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=====
1      NAMES OF REPORTING PERSONS
      I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

```

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Rajiv A. Patel

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a)

(b) **

2

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3

SEC USE ONLY

4

CITIZENSHIP OR PLACE OF ORGANIZATION

United States

SOLE VOTING POWER

5

NUMBER OF

-0-

SHARES
BENEFICIALLY
OWNED BY

6

SHARED VOTING POWER

2,817,500

EACH

7

SOLE DISPOSITIVE POWER

REPORTING
PERSON WITH

-0-

8

SHARED DISPOSITIVE POWER

2,817,500

9

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,817,500

10

CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES
CERTAIN SHARES (See Instructions)

11

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

5.7%

12

TYPE OF REPORTING PERSON (See Instructions)

IN

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=====
 CUSIP No. 584688105
 =====

 NAMES OF REPORTING PERSONS
 1 I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Derek C. Schrier

 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)
 (a) []
 (b) [X]**

2 ** The reporting persons making this filing hold an aggregate of 2,817,500 Shares, which is 5.7% of the class of securities. The reporting person on this cover page, however, may be deemed a beneficial owner only of the securities reported by it on this cover page.

 3 SEC USE ONLY

 CITIZENSHIP OR PLACE OF ORGANIZATION
 4 United States

 SOLE VOTING POWER
 5 NUMBER OF -0-

 SHARED VOTING POWER
 6 BENEFICIALLY OWNED BY 2,817,500

 SOLE DISPOSITIVE POWER
 7 EACH REPORTING PERSON WITH -0-

 SHARED DISPOSITIVE POWER
 8 2,817,500

 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
 9 2,817,500

 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions) []

 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
 11 5.7%

 TYPE OF REPORTING PERSON (See Instructions)
 12 IN

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=====
CUSIP No. 584688105
=====

NAMES OF REPORTING PERSONS
1 I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Thomas F. Steyer

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)
2 (a) []
(b) [X]**

** The reporting persons making this filing hold an aggregate of 2,817,500 Shares, which is 5.7% of the class of securities. The reporting person on this cover page, however, may be deemed a beneficial owner only of the securities reported by it on this cover page.

3 SEC USE ONLY

CITIZENSHIP OR PLACE OF ORGANIZATION
4 United States

5 SOLE VOTING POWER
NUMBER OF -0-

6 SHARED VOTING POWER
BENEFICIALLY OWNED BY 2,817,500

7 SOLE DISPOSITIVE POWER
EACH -0-
REPORTING PERSON WITH

8 SHARED DISPOSITIVE POWER
2,817,500

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
2,817,500

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions) []

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
5.7%

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 TYPE OF REPORTING PERSON (See Instructions)
 12 IN

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=====

CUSIP No. 584688105

=====

 NAMES OF REPORTING PERSONS
 1 I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)
 Mark C. Wehrly

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)
 (a)
 (b) **

2 ** The reporting persons making this filing hold an aggregate of 2,817,500 Shares, which is 5.7% of the class of securities. The reporting person on this cover page, however, may be deemed a beneficial owner only of the securities reported by it on this cover page.

 3 SEC USE ONLY

 CITIZENSHIP OR PLACE OF ORGANIZATION
 4 United States

		5	SOLE VOTING POWER
NUMBER OF			-0-
SHARES			-----
BENEFICIALLY	6		SHARED VOTING POWER
OWNED BY			2,817,500
EACH			-----
REPORTING	7		SOLE DISPOSITIVE POWER
PERSON WITH			-0-

	8		SHARED DISPOSITIVE POWER
			2,817,500

 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
 2,817,500

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10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES []
CERTAIN SHARES (See Instructions)

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

5.7%

12 TYPE OF REPORTING PERSON (See Instructions)

IN

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Item 1. Issuer

(a) Name of Issuer:

The Medicines Company (the "Company")

(b) Address of Issuer's Principal Executive Offices:

8 Campus Drive, Parsippany, New Jersey 07054

Item 2. Identity And Background

Title Of Class Of Securities And CUSIP Number (Item 2(d) and (e))

This statement relates to shares of Common Stock, par value \$0.001 per share (the "Shares"), of the Company. The CUSIP number of the Shares is 584688105.

Name Of Persons Filing, Address Of Principal Business Office And

Citizenship (Item 2(a), (b) and (c))

This statement is filed by the entities and persons listed below, all of whom together are referred to herein as the "Reporting Persons."

The Farallon Funds

- (i) Farallon Capital Partners, L.P., a California limited partnership ("FCP"), with respect to the Shares held by it;
- (ii) Farallon Capital Institutional Partners, L.P., a California limited partnership ("FCIP"), with respect to the Shares held by it;
- (iii) Farallon Capital Institutional Partners II, L.P., a California limited partnership ("FCIP II"), with

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respect to the Shares held by it;

- (iv) Farallon Capital Institutional Partners III, L.P., a Delaware limited partnership ("FCIP III"), with respect to the Shares held by it;
- (v) Tincum Partners, L.P., a New York limited partnership ("Tincum"), with respect to the Shares held by it; and
- (vi) Farallon Capital Offshore Investors II, L.P., a Cayman Islands exempted limited partnership ("FCOI II"), with respect to the Shares held by it.

FCP, FCIP, FCOI II, FCIP III, Tincum and FCOI II are together referred to herein as the "Farallon Funds."

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The Management Company

- (vii) Farallon Capital Management, L.L.C., a Delaware limited liability company (the "Management Company"), with respect to the Shares held by a certain account managed by the Management Company (the "Managed Account").

The Farallon General Partner

- (viii) Farallon Partners, L.L.C., a Delaware limited liability company which is the general partner of each of the Farallon Funds (the "Farallon General Partner"), with respect to the Shares held by each of the Farallon Funds.

The Farallon Managing Members

- (ix) The following persons who are managing members of both the Farallon General Partner and the Management Company, with respect to the Shares held by the Farallon Funds and the Managed Account: Chun R. Ding ("Ding"), William F. Duhamel ("Duhamel"), Charles E. Ellwein ("Ellwein"), Richard B. Fried ("Fried"), Monica R. Landry ("Landry"), William F. Mellin ("Mellin"), Stephen L. Millham ("Millham"), Jason E. Moment ("Moment"), Rajiv A. Patel ("Patel"), Derek C. Schrier ("Schrier"), Thomas F. Steyer ("Steyer") and Mark C. Wehrly ("Wehrly").

Ding, Duhamel, Ellwein, Fried, Landry, Mellin, Millham, Moment, Patel, Schrier, Steyer and Wehrly are together referred to herein as the "Farallon Individual Reporting Persons."

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The citizenship of each of the Farallon Funds, the Management Company and the Farallon General Partner is set forth above. Each of the Farallon Individual Reporting Persons is a citizen of the United States. The address of the principal business office of each of the Reporting Persons is c/o Farallon Capital Management, L.L.C., One Maritime Plaza, Suite 1325, San Francisco, California 94111.

Item 3. If This Statement Is Filed Pursuant To Sections 240.13d-1(b) or

240.13d-2(b) or (c), Check Whether The Person Filing Is An Entity

Specified In (a) - (j):

Not Applicable.

If This Statement Is Filed Pursuant To Section 240.13d-1(c), Check This

Box. [X]

Item 4. Ownership

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The information required by Items 4(a) - (c) and set forth in Rows 5 through 11 of the cover page for each Reporting Person hereto is incorporated herein by reference for each such Reporting Person.

The Shares reported hereby for the Farallon Funds are owned directly by the Farallon Funds and those reported by the Management Company on behalf of the Managed Account are owned directly by the Managed Account. The Farallon General Partner, as general partner to the Farallon Funds, may be deemed to be the beneficial owner of all such Shares owned by the Farallon Funds. The Management Company, as investment adviser to the Managed Account, may be deemed to be the beneficial owner of all such Shares owned by the Managed Account. The Farallon Individual Reporting Persons, as managing members of both the Farallon General Partner and the Management Company with the power to exercise investment discretion, may each be deemed to be the beneficial owner of all such Shares owned by the Farallon Funds and the Managed Account. Each of the Management Company, the Farallon General Partner and the Farallon Individual Reporting Persons hereby disclaims any beneficial ownership of any such Shares.

Item 5. Ownership Of Five Percent Or Less Of A Class

Not Applicable.

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

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Security Being Reported On By The Parent Holding Company

Not Applicable.

Item 8. Identification And Classification Of Members Of The Group

The Reporting Persons are filing this Schedule 13G pursuant to Section 240.13d-1(c). Consistent with Item 2 of the cover page for each Reporting Person above, the Reporting Persons neither disclaim nor affirm the existence of a group among them.

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 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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SIGNATURES

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

Dated: March 23, 2006

/s/ Monica R. Landry

FARALLON PARTNERS, L.L.C.,
On its own behalf and
as the General Partner of
FARALLON CAPITAL PARTNERS, L.P.,
FARALLON CAPITAL INSTITUTIONAL PARTNERS, L.P.,
FARALLON CAPITAL INSTITUTIONAL PARTNERS II, L.P.,
FARALLON CAPITAL INSTITUTIONAL PARTNERS III, L.P.,
TINICUM PARTNERS, L.P. and
FARALLON CAPITAL OFFSHORE INVESTORS II, L.P.
By Monica R. Landry,
Managing Member

/s/ Monica R. Landry

FARALLON CAPITAL MANAGEMENT, L.L.C.

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By Monica R. Landry,
Managing Member

/s/ Monica R. Landry

Monica R. Landry, individually and as attorney-in-fact for each of Chun R. Ding, William F. Duhamel, Charles E. Ellwein, Richard B. Fried, William F. Mellin, Stephen L. Millham, Jason E. Moment, Rajiv A. Patel, Derek C. Schrier, Thomas F. Steyer and Mark C. Wehrly

The Powers of Attorney executed by Duhamel, Fried, Mellin, Millham, Steyer and Wehrly authorizing Landry to sign and file this Schedule 13G on each person's behalf, which were filed with Amendment No. 2 to the Schedule 13D filed with the Securities and Exchange Commission on July 16, 2003, by such Reporting Persons with respect to the Common Stock of New World Restaurant Group, Inc., are hereby incorporated by reference. The Powers of Attorney executed by Ding and Schrier authorizing Landry to sign and file this Schedule 13G on each person's behalf, which were filed with Amendment No. 1 to the Schedule 13D filed with the Securities and Exchange Commission on July 2, 2003, by such Reporting Persons with respect to the Common Stock of Salix Pharmaceuticals, Ltd., are hereby incorporated by reference. The Powers of Attorney executed by Ellwein and Patel authorizing Landry to sign

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and file this Schedule 13G on each person's behalf, which were filed with Amendment No. 4 to the Schedule 13G filed with the Securities and Exchange Commission on January 8, 2004, by such Reporting Persons with respect to the Common Stock of Catalytica Energy Systems, Inc., are hereby incorporated by reference. The Power of Attorney executed by Moment authorizing Landry to sign and file this Schedule 13G on his behalf, which was filed with the Schedule 13D filed with the Securities and Exchange Commission on January 9, 2006, by such Reporting Person with respect to the Common Stock of Vintage Petroleum, Inc., is hereby incorporated by reference.

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EXHIBIT INDEX

EXHIBIT 1

Joint Acquisition Statement Pursuant to
Section 240.13d-1(k)

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EXHIBIT 1
to
SCHEDULE 13G

JOINT ACQUISITION STATEMENT
PURSUANT TO SECTION 240.13d-1(k)

The undersigned acknowledge and agree that the foregoing statement on Schedule 13G is filed on behalf of each of the undersigned and that all subsequent amendments to this statement on Schedule 13G shall be filed on behalf of each of the undersigned without the necessity of filing additional joint acquisition statements. The undersigned acknowledge that each shall be responsible for the timely filing of such amendments, and for the completeness

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and accuracy of the information concerning him, her or it contained therein, but shall not be responsible for the completeness and accuracy of the information concerning the other entities or persons, except to the extent that he, she or it knows or has reason to believe that such information is inaccurate.

Dated: March 23, 2006

/s/ Monica R. Landry

FARALLON PARTNERS, L.L.C.,
On its own behalf and
as the General Partner of
FARALLON CAPITAL PARTNERS, L.P.,
FARALLON CAPITAL INSTITUTIONAL PARTNERS, L.P.,
FARALLON CAPITAL INSTITUTIONAL PARTNERS II, L.P.,
FARALLON CAPITAL INSTITUTIONAL PARTNERS III, L.P.,
TINICUM PARTNERS, L.P. and
FARALLON CAPITAL OFFSHORE INVESTORS II, L.P.
By Monica R. Landry,
Managing Member

/s/ Monica R. Landry

FARALLON CAPITAL MANAGEMENT, L.L.C.
By Monica R. Landry,
Managing Member

/s/ Monica R. Landry

Monica R. Landry, individually and as attorney-in-fact for
each of Chun R. Ding, William F. Duhamel, Charles E. Ellwein,
Richard B. Fried, William F. Mellin, Stephen L. Millham, Jason E.
Moment, Rajiv A. Patel, Derek C. Schrier, Thomas F. Steyer and
Mark C. Wehrly

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