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): November 3, 2015

The Medicines Company Name of Registrant as Specified in Ch

	(Exact Name of Registrant as Specified in Charter)									
	Delaware	000-31191	04-3324394							
	(State or Other Jurisdiction of Incorporation)	(Commission File Number)	(IRS Employer Identification No.)							
	8 Sylvan Way Parsippany, New Jersey		07054							
	(Address of Principal Executive Of	fices)	(Zip Code)							
 Checl	(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									
	f the following provisions (see General Instr	•								
	Written communications pursuant to Rule	425 under the Securities Act (17 CFR	230.425)							
	Soliciting material pursuant to Rule 14a-12	2 under the Exchange Act (17 CFR 24	40.14a-12)							
	Pre-commencement communications pursu	uant to Rule 14d-2(b) under the Excha	ange Act (17 CFR 240.14d-2(b))							
	Pre-commencement communications pursu	uant to Rule 13e-4(c) under the Excha	inge Act (17 CFR 240.13e-4(c))							

Item 2.02. Results of Operations and Financial Condition.

On November 3, 2015, The Medicines Company (the "Company") announced financial results for the three and nine months ended September 30, 2015. The full text of the press release issued in connection with the announcement is furnished as Exhibit 99.1 to this Current Report on Form 8-K.

The information in this Form 8-K (including Exhibit 99.1) shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 (the "Exchange Act") or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as expressly set forth by specific reference in such a filing.

Item 9.01. Financial Statements and Exhibits

(d) Exhibits

The following exhibit relating to Item 2.02 shall be deemed to be furnished, and not filed:

99.1 Press release dated November 3, 2015 entitled "The Medicines Company Reports Third Quarter and First Nine Months 2015 Financial Results"

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: November 3, 2015

By: /s/ Stephen M. Rodin

Stephen M. Rodin

Senior Vice President and General Counsel

Exhibit Index

Exhibit No.

99.1

<u>Description</u>

Press release dated November 3, 2015 entitled "The Medicines Company Reports Third Quarter and First Nine Months 2015 Financial Results"

Contacts:
Investor Relations:
Krishna Gorti, MD, +1 973-290-6122
Vice President, Investor Relations

Krishna.Gorti@themedco.com

Or

Media:

Bob Laverty, +1 973-290-6162 Vice President, Communications Robert.Laverty@themedco.com

FOR IMMEDIATE RELEASE:

The Medicines Company Reports Third-Quarter and First Nine Months 2015 Business and Financial Results

- Four potential blockbuster development compounds progressing rapidly
- New hospital product launches progressing
- Chairman of the Board, Dr Fred Eshelman, to provide an update on strategy

PARSIPPANY, NJ -- (BUSINESS WIRE) -- 11/03/2015 -- The Medicines Company (NASDAQ: MDCO) today announced its business and financial results for the third quarter and the nine months ended September 30, 2015.

The Company is developing four potentially class-leading investigational compounds through clinical trials:

- A PCSK9 inhibitor (ALN-PCSsc) which is emerging as a potential best-in-class treatment for LDL-C reduction and which is entering phase 2 trials
- 2. A reverse cholesterol transport promoter (MDCO-216) which in prior trials showed evidence of rapid, significant reduction of coronary atheroma and which is entering into the proof of concept MILANO PILOT trial

3.	A combination of meropenem and a novel beta-lactamase inhibitor (Carbavance®) for gram-negative infections associated
	with carbapenem-resistant Enterobacteriaceae which is currently in phase 3 trials

4. A novel intravenous anesthetic and sedation compound (ABP-700) which may improve the safety and efficiency of anesthesia and conscious sedation and which is anticipated to begin phase 2 trials in 2016

The Company has launched into the United States hospital market a series of hospital products including:

- ORBACTIV® (oritavancin) for injection which is indicated for the treatment of adult patients with acute bacterial skin and skin structure infections (ABSSSIs) caused or suspected to be caused by susceptible isolates of certain gram-positive microorganisms. http://www.orbactiv.com/
- 2. MINOCIN® (minocycline) for injection which is indicated for the treatment of infections due to susceptible isolates of designated microorganisms, including Acinetobacter species bacteria. http://www.minociniv.com/
- 3. KENGREALTM (cangrelor) for injection which is a P2Y₁₂ platelet inhibitor indicated as an adjunct to percutaneous coronary intervention (PCI) to reduce the risk of periprocedural myocardial infarction (MI), repeat coronary revascularization, and stent thrombosis (ST) in patients who have not been treated with a P2Y₁₂ platelet inhibitor and are not being given a glycoprotein IIb/IIIa inhibitor. http://www.kengreal.com/
- 4. CLEVIPREX® (clevidipine) injectable emulsion, which is a dihydropyridine calcium channel blocker indicated for the reduction of blood pressure (BP) when oral therapy is not feasible or not desirable. http://www.cleviprex.com/

and

 IONSYS® (fentanyl iontophoretic transdermal system) CII, which contains fentanyl, an opioid agonist, and is indicated for the short-term management of acute postoperative pain in adult patients requiring opioid analgesia in the hospital. http://www.ionsys.com/ Please see www.themedicinescompany.com for complete indication and important safety information for these products.

Clive Meanwell, the Company's Chief Executive Officer, stated: "We have made significant progress recently with our four pipeline candidates and are now looking forward to several important clinical milestones, including the presentation of final results from the Phase 1 clinical trial of ALN-PCSsc in a late-breaker session at the American Heart Association scientific meeting in Orlando next week, the start of Phase 2 testing of ALN-PCSsc, the MILANO PILOT program for MDCO-216, the start of Phase 2 testing of ABP-700 and the completion of Phase 3 studies of Carbavance (meropenem/RPX7009). These product candidates represent potentially important medical innovations to which we are dedicating substantial human and financial resources in order to maximize their clinical and commercial potential. In the meantime, we are pleased with the progress and growth potential of our new product launches - each of which is progressing through the process of formulary review and initial use in U.S. hospitals that we have decided to approach."

Third Quarter 2015 Financial Summary

Worldwide net revenue was \$72.7 million for the third quarter of 2015 compared to \$172.4 million in the third quarter of 2014. Worldwide Angiomax®/Angiox® (bivalirudin) revenue was \$47.0 million in the third quarter of 2015 compared to \$151.0 million in the third quarter of 2014, with revenue in the United States decreasing to \$43.3 million in the third quarter of 2015 from \$143.5 million in the third quarter of 2014 driven by the loss of Angiomax exclusivity. Included in total net revenue for the third quarter of 2015 is \$24.5 million of royalty revenues derived from the gross profit of authorized generic sales of Angiomax(bivalirudin) by Sandoz, Inc. Recothrom®, Thrombin topical (Recombinant) sales were \$15.4 million in the third quarter of 2015 compared to \$16.8 million in the third quarter of 2014. Other products including Cleviprex, Argatroban for Injection, 50 mg per ml, Minocin for injection, Orbactiv, Kengreal and PreveLeak[™] Surgical Sealant recorded sales of \$10.3 million during the third quarter of 2015 compared to \$4.6 million in the third quarter of 2014.

The net loss for the third quarter of 2015 was \$105.1 million, or (\$1.57) per share, compared to a net loss of \$16.7 million, or (\$0.26) per share, for the third quarter of 2014. Adjusted net loss⁽¹⁾ for the third quarter of 2015 was \$55.1 million, or (\$0.82)⁽¹⁾ per share, compared to adjusted net income⁽¹⁾ of \$11.6 million, or \$0.18⁽¹⁾ per share for the third quarter of 2014.

The following significant items are included in the Company's financial statements for the third quarter of 2015. Included in cost of revenues for the third quarter of 2015 is a charge for potential inventory obsolescence of \$32.4 million and an impairment charge related to the product rights of PreveLeak of

\$25.8 million. Included in other income for the third quarter of 2015 is a gain of \$5.0 million from a legal settlement.

First Nine Months 2015 Financial Summary

Worldwide net revenue was \$289.7 million for the first nine months of 2015 compared to \$533.4 million for the first nine months of 2014. Worldwide Angiomax/Angiox revenue was \$213.3 million for the first nine months of 2015 compared to \$469.8 million for the first nine months of 2014, with revenue in the United States decreasing to \$199.0 million for the first nine months of 2015 from \$442.0 million for the first nine months of 2014. Included in total net revenue for the first nine months of 2015 is \$24.5 million of royalty revenues derived from the gross profit of authorized generic sales of Angiomax by Sandoz, Inc. Recothrom sales were \$47.5 million in the United States for the first nine months of 2015, compared to \$46.5 million for the first nine months of 2014. Other products including Cleviprex, Argatroban, Minocin, Orbactiv, Kengreal, Ionsys and PreveLeak recorded sales of \$28.9 million for the first nine months of 2015, compared to \$17.1 million for the first nine months of 2014.

The net loss for the first nine months of 2015 was \$146.7 million, or (\$2.22) per share, compared with a net loss of \$26.9 million, or (\$0.42) per share for the first nine months of 2014. Adjusted net loss⁽¹⁾ for the first nine months of 2015 was \$92.2 million, or (\$1.39)⁽¹⁾ per share, compared to adjusted net income⁽¹⁾ of \$54.3 million, or \$0.82⁽¹⁾ per share for the first nine months of 2014.

The following significant items are included in the Company's financial statements for the first nine months of 2015. Included in cost of revenues for the first nine months of 2015 is a charge for potential inventory obsolescence of \$32.4 million and an impairment charge related to the product rights of PreveLeak of \$25.8 million. Included in other income for the first nine months of 2015 is a \$22.7 million remeasurement gain on an equity investment, a \$19.8 million gain on the sale of an investment, \$8.1 million of license income related to our collaboration agreement with SciClone Pharmaceuticals and a gain of \$5.0 million from a legal settlement. Included in other income for the first nine months of 2014 is a \$7.5 million investment impairment charge.

(1)Adjusted net income and adjusted earnings per share are non-GAAP financial performance measures with no standardized definitions under US GAAP. For further information and a detailed reconciliation, refer to the Non-GAAP Financial Performance Measures and Reconciliation of GAAP to Adjusted Net Income and Adjusted Earnings Per Share sections of this release for explanations of the amounts excluded and included to arrive at adjusted net income and adjusted earnings per share amounts.

As of September 30, 2015, the company had \$509 million in cash and investments compared to \$371 million at the end of 2014.

A full business and product pipeline update will be provided on the earnings conference call. During the call, Dr Fred Eshelman, Chairman of the Board, will provide an overview of the Company's strategy over the short and medium term horizon.

Conference Call Information

There will be a conference call with management today at 8:30 a.m. Eastern Time to discuss these financial results and operational developments and outlook for the remainder of 2015.

The conference call will be available via phone and webcast. The dial-in information is listed below:

Domestic dial-in: 877-359-9508 International dial-in: 224-357-2393

Passcode for both dial-in numbers: 56448421

Replay is available from 11:30 a.m. Eastern Time following the conference call through November 10, 2015. To hear a replay of the call, dial 855-859-2056 (domestic) or 404-537-3406 (international). The passcode for both dial in numbers is 56448421.

This call is being webcast and can be accessed via The Medicines Company website at www.themedicinescompany.com

About The Medicines Company

The Medicines Company's purpose is to save lives, alleviate suffering and contribute to the economics of healthcare by focusing on 3,000 leading acute/intensive care hospitals worldwide. Its vision is to be a leading provider of solutions in three areas: acute cardiovascular care, surgery and perioperative care, and serious infectious disease care. The company operates in the Americas, Europe and the Middle East, and Asia Pacific regions with global centers today in Parsippany, NJ, USA and Zurich, Switzerland.

NON-GAAP FINANCIAL PERFORMANCE MEASURES

In addition to financial information prepared in accordance with U.S. GAAP, this press release also contains adjusted net income and adjusted earnings per share measures that we believe provide investors and management with supplemental information relating to operating performance and trends that facilitate comparisons between periods and with respect to projected information.

Adjusted net income excludes upfront collaboration payments, amortization of acquired intangible assets and other charges, inventory obsolescence charges, deal related charges, restructuring charges, share-based compensation expense, changes in contingent consideration, arbitration award, milestone payments, non-cash interest, impairment charges, gain on settlement, loss on equity investment, gain on remeasurement of equity investment, gain on sale of investment and net income tax adjustments. See the attached Reconciliations of GAAP to Adjusted Net Income and Adjusted Earnings Per Share for explanations of the amounts excluded and included to arrive at adjusted net income and adjusted earnings per share amounts for the three and nine months ended September 30, 2015 and September 30, 2014.

These adjusted measures are non-GAAP and should be considered in addition to, but not as a substitute for, the information prepared in accordance with U.S. GAAP. We typically exclude certain GAAP items that management does not believe affect our basic operations and that do not meet the GAAP definition of unusual or non-recurring items. Other companies may define these measures in different ways.

Forward-Looking Statements

Statements contained in this press release about The Medicines Company that are not purely historical, and all other statements that are not purely historical, may be deemed to be forward-looking statements for purposes of the safe harbor provisions under The Private Securities Litigation Reform Act of 1995. Without limiting the foregoing, the words "believes," "anticipates" and "expects" and similar expressions, including the Company's preliminary financial results, are intended to identify forward-looking statements. These forward-looking statements involve important known and unknown risks and uncertainties that may cause the Company's actual results, levels of activity, performance or achievements to be materially different from those expressed or implied by these forward-looking statements. Important factors that may cause or contribute to such differences include the extent of the commercial success of our products, the Company's ability to develop its global operations and penetrate foreign markets, whether the Company is able to raise additional capital on favorable terms or at all, whether the Company's product candidates will advance in the clinical trials process on a timely basis or at all, whether the Company will make regulatory submissions for product candidates on a timely basis, whether its regulatory submissions will receive approvals from regulatory agencies on a timely basis or at all, whether the Company's ongoing and planned commercial launches will be successful, whether physicians, patients and other key decision makers will accept clinical trial results, whether the Company can protect its intellectual property and such other factors as are set forth in the risk factors detailed from time to time in the Company's periodic reports and registration statements filed with the Securities and Exchange Commission including, without limitation, the risk factors detailed in the Company's Quarterly Report on Form 10-Q filed on August 7, 2015, which are incorporated herein by reference. The Company specifically disclaims any obligation to update these forward-looking statements.

Page 6 of 10

The Medicines Company Consolidated Statements of Operations

(Unaudited)

(in thousands, except per share data)		ree months en	a2 hah	ntember 30	N	Nine months ended September 30,						
(in mousands, except per share data)	2015		ucu se	2014		2015	2014					
Net product revenues	\$	48,175	\$	172,401	\$	265,163	\$	533,410				
Royalty revenues	Ψ	24,503	Ψ		Ψ	24,503	Ψ					
Total net revenues		72,678		172,401		289,666		533,410				
Operating expenses:		72,070		1,2,.01		20,000		222,.10				
Cost of revenue		86,970		69,076		157,706		221,630				
Research and development		30,120		33,314		90,290		105,638				
Selling, general and administrative		82,477		82,662		259,257		235,928				
Total operating expenses		199,567		185,052		507,253		563,196				
Loss from operations		(126,889)		(12,651)		(217,587)		(29,786)				
Co-promotion and license income		985		2,864		10,011		16,210				
Gain on remeasurement of equity investment		_		_		22,741		_				
Gain on sale of investment		_		_		19,773		_				
Loss in equity investment		_		(1,184)		(144)		(1,184)				
Legal settlement		5,000		_		5,000						
Interest expense		(9,547)		(3,958)		(27,502)		(11,710)				
Investment impairment		_		(7,500)		_		(7,500)				
Other (expense) income		(137)		(53)		66		(24)				
Loss before income taxes		(130,588)		(22,482)		(187,642)		(33,994)				
Benefit for income taxes		25,447		5,693		40,968		7,026				
Net loss		(105,141)		(16,789)		(146,674)		(26,968)				
Net (income) loss attributable to non-controlling interest		9		53		(16)		79				
Net loss attributable to The Medicines Company	\$	(105,132)	\$	(16,736)	\$	(146,690)	\$	(26,889)				
Loss per common share attributable to The Medicines Company:												
Basic	\$	(1.57)	\$	(0.26)	\$	(2.22)	\$	(0.42)				
		<u> </u>										
Diluted	\$	(1.57)	\$	(0.26)	\$	(2.22)	\$	(0.42)				
Weighted average number of common shares outstanding: Basic		67,137		64,534		66,079		64,363				
Diluted	-	67,137		64,534		66,079		64,363				
Diffutou		07,137		04,554		00,079		07,505				

Balance Sheet Items

(in thousands)		September 30, 2015	December 31, 2014			
		(unaudited)				
Cash and cash equivalents	\$	508,808	\$	370,741		
Total assets	\$	2,073,091	\$	1,885,705		
Convertible senior notes (due 2017 and due 2022*)	\$	573,511	\$	246,676		
The Medicines Company stockholders' equity * Convertible senior notes due 2022 issued on January 13, 2015	\$	922,771	\$	920,565		

Page 8 of 10

The Medicines Company Reconciliation of GAAP to Adjusted Net Income and Adjusted Earnings Per Share (unaudited)

(in thousands, except per share amounts)		Three months ended September 30,			Nine months ended September 30,				
		2015			2014		2015		2014
Net loss attributable to The Medicines Company - GAAP		\$	(105,132)	\$	(16,736)	\$	(146,690)	\$	(26,889)
Before tax adjustments:									
Cost of revenue:									
Share-based compensation expense	(1)		267		149		690		351
Amortization and other charges related to intangible assets	(2)		33,684		6,236		49,678		32,852
Inventory adjustments	(3)		32,400				32,400		
Research and development:									
Share-based compensation expense	(1)		888		1,629		2,952		4,442
Development milestone payments	(4)		_		_		5,352		8,429
Selling, general and administrative:									
Share-based compensation expense	(1)		6,572		6,636		20,367		19,943
Amortization of acquired intangible assets	(2)		41		1,414		164		4,243
Development milestone payment	(4)		_		2,500		_		2,500
Change in contingent purchase price	(5)		618		9,114		13,864		28,731
Expenses incurred for certain transactions	(6)		_		_		_		566
Other:									
Non-cash interest expense	(7)		6,096		3,012		17,532		8,874
Gain on sale of investment	(8)		_		_		(19,773)		_
Gain on remeasurement of equity investment	(9)		_		_		(22,741)		_
Investment impairment	(11)		_		7,500		_		7,500
Loss in equity investment	(10)		_		1,184		144		1,184
Legal settlement	(12)		(5,000)		_		(5,000)		_
Net income tax adjustments	(13)		(25,535)		(11,062)		(41,116)		(38,454)
Net (loss) income attributable to The Medicines Company - Adjusted	=	\$	(55,101)	\$	11,576	\$	(92,177)	\$	54,272
Net (loss) income per share attributable to The Medicines Company - Adjusted									
Basic		\$	(0.82)	\$	0.18	\$	(1.39)	\$	0.84
Diluted	(14)	\$	(0.82)	\$	0.18	\$	(1.39)	\$	0.82
Weighted average number of common shares outstanding:									
Basic			67,137		64,534		66,079		64,363
Diluted - Adjusted	(14)		67,137		66,067		66,079		66,262

Page 9 of 10

Explanation of Adjustments:

- (1) Excludes share-based compensation of \$7,727 and \$8,414 for the three months ended September 30, 2015 and September 30, 2014 respectively, and \$24,009 and \$24,736 for the nine months ended September 30, 2015 and September 30, 2014 respectively.
- (2) Excludes amortization and other charges related to intangible assets resulting from transactions with Nycomed, CSL, APP, Teva, Targanta, BMS, Rempex and Tenaxis.
- (3) Excludes inventory adjustments.
- (4) Excludes development milestone payments for manufacturing scale up for MDCO-216.
- (5) Excludes changes in contingent purchase price due to shareholders of Targanta, Incline Therapeutics, ProFibrix, Rempex, Tenaxis and Annovation.
- (6) Excludes charges related to the acquisition of Tenaxis.
- (7) Excludes non-cash interest expense related to convertible senior notes.
- (8) Excludes gain on sale of investment.
- (9) Excludes gain on remeasurement of our equity investment in Annovation.
- (10) Excludes loss in equity investment.
- (11) Excludes investment impairment.
- (12) Excludes gain from legal settlement.
- (13) Net income tax adjustments reflect the estimated tax effect of the above adjustments and the impact of certain other non-operating tax adjustments.
- (14) Reflects impact of note hedge transactions on outstanding diluted share amounts and net income per share associated with 2017 convertible senior notes.

In addition to the financial information prepared in accordance with U.S. GAAP, this press release also contains adjusted financial measures that we believe provide investors and management with supplemental information relating to operating performance and trends that facilitate comparisons between periods and with respect to projected information. These adjusted measures should be considered in addition to, but not as a substitute for, the information prepared in accordance with U.S. GAAP. We typically exclude certain GAAP items that management does not believe affect our basic operations and that do not meet the GAAP definition of unusual or non-recurring items. Other companies may define these measures in different ways.