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): May 10, 2016

CYTORI THERAPEUTICS, INC.

(Exact name of registrant as specified in its charter)

001-34375

33-0827593

Delaware

(State	e or Other Jurisdiction of Incorporation)	(Commission File Number)	(I.R.S. Employer Identification Number)
		Callan Road, San Diego, California 921	
	(Fidule)	(858) 458-0900	coucy
	(Regis	strant's telephone number, including area c	ode)
	(Former na	n/a ame or former address, if changed since las	st report)
	ck the appropriate box below if the Form 8-K filing provisions (see General Instruction A.2. below):	0 0	filing obligation of the registrant under any of the
	Written communications pursuant to Rule 425 u	under the Securities Act (17 CFR 230.425)	l
	Soliciting material pursuant to Rule 14a-12 und	er the Exchange Act (17 CFR 240.14a-12))
	Pre-commencement communications pursuant t	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))

Item 2.02 Results of Operations and Financial Condition

On May 10, 2015, Cytori Therapeutics, Inc. (Company) issued a press release announcing its financial results for the first quarter ended March 31, 2016. A copy of the press release is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

The information disclosed under this Item 2.02 in this report, including Exhibit 99.1 hereto, is being furnished and shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, nor shall it be incorporated by reference into any registration statement or other document pursuant to the Securities Act of 1933, as amended, except as expressly set forth in such filing.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits

Exhibit No.	<u>Description</u>
99.1	Cytori Therapeutics, Inc. Press Release, dated May 10, 2016 *

* Exhibit 99.1 hereto is being furnished and shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, nor shall it be incorporated by reference into any registration statement or other document pursuant to the Securities Act of 1933, as amended, except as expressly set forth in such filing.

SIGNATURES

Date: May 10, 2016

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.

CYTORI THERAPEUTICS, INC.

By: /s/ Tiago Girao

Tiago Girao VP Finance and Chief Financial Officer

Exhibit Index

<u>Exhibit No.</u>	<u>Description</u>
99.1	Cytori Therapeutics, Inc. Press Release, dated May 10, 2016 *

CYTORI THERAPEUTICS CONTACT

Tiago Girao +1.858.458.0900 ir@cytori.com

Cytori Reports First Quarter 2016 Business and Financial Results

SAN DIEGO, May 10, 2016—Cytori Therapeutics (NASDAQ: CYTX) ("Cytori" or the "Company") today announced its first quarter financial results and provided updates on its corporate activity and clinical development.

First quarter 2016 net loss allocable to common stockholders was \$5.3 million and \$0.03 per share (or \$0.41 per share after the effect of a 1:15 reverse stock split announced on May 10, 2016). Cytori continues to manage its operating cash burn, spending approximately \$5.1 million in the first quarter 2016. Cytori ended the first quarter of 2016 with \$9.4 million of cash and cash equivalents.

"The business fundamentals continue to strengthen," said Dr. Marc H. Hedrick, President and CEO of Cytori Therapeutics. "The US trial enrollment for our lead indication is nearly complete, we see positive trends on revenue and we continue see new opportunities for our technology that are in alignment with the Company's core strategic direction."

Select Recent Highlights:

- · Investigator presentation of SCLERADEC I 24-month follow-up data reported sustained benefit for scleroderma hand dysfunction
- · Broad orphan drug designation and small or medium-size enterprise (SME) status granted by European Medicines Agency
- · Launch of compassionate use program for scleroderma in Europe in partnership with Idis Managed Access
- · Announcement of STAR enrollment progress consistent with development timelines

Q1 2016 Financial Performance

- · Q1 2016 operating cash burn of \$5.1 million, compared to \$5.0 million for the same period in 2015.
- · Cash and debt principal balances at March 31, 2016 of approximately \$9.4 million and \$17.7 million, respectively.
- · Q1 2016 total revenues of \$2.9 million, compared to \$2.3 million for the same period in 2015.
- Q1 2016 net loss of \$5.3 million or \$0.41 per share, compared to \$6.5 million, which excludes a non-cash charge of \$15.4 million related to the change in fair value of warrant liabilities and a beneficial conversion feature charge for convertible preferred stock of \$0.7 million, or \$0.92 per share for the same period in 2015.

"Q1 2016 net loss was approximately 20% lower than Q1 2015, despite an expansion of our investments in research and development," said Tiago Girao, VP of Finance and CFO of Cytori Therapeutics. "For the remainder of 2016, we plan to continue to narrow our quarterly losses and decrease the need for capital through a number of initiatives. These efforts consist largely of balancing further improvements in operational efficiency, working capital management, increased revenue, and an intense focus on those activities that we believe will contribute to stockholder value creation."

Anticipated Near Term Catalysts:

- · Complete enrollment of US STAR phase III trial (anticipated by mid-June 2016) for scleroderma hand dysfunction
- · Report of 48-week US pilot/phase IIb ACT-OA trial (94 patients) with data analysis in Q3 2016
- · Complete enrollment of investigator-initiated EU phase III SCLERADEC-II trial (anticipated in 2016) for scleroderma hand dysfunction
- · File IDE and obtain approval for burn wound therapy trial related to contract with BARDA (anticipated in 2016)

2016 Reiterated Financial Guidance

- · Operating cash burn within a range of \$18 million to \$20 million
- \cdot Total revenues (product and contract) within a range of \$12 million to \$14 million

Management Conference Call Webcast

Cytori will host a management conference call at 5:30 p.m. Eastern Time today to further discuss the Company's progress. The webcast will be available live and by replay two hours after the call and may be accessed under "Webcasts" in the Investor Relations section of Cytori's website. If you are unable to access the webcast, you may dial in to the call at +1.877.402.3914, Conference ID: 3175608.

About Cytori

Cytori Therapeutics is a late stage cell therapy company developing autologous cell therapies from adipose tissue to treat a variety of medical conditions. Data from preclinical studies and clinical trials suggest that Cytori Cell TherapyTM acts principally by improving blood flow, modulating the immune system, and facilitating wound repair. As a result, Cytori Cell TherapyTM may provide benefits across multiple disease states and can be made available to the physician and patient at the point-of-care through Cytori's proprietary technologies and products. For more information: visit www.cytori.com.

Cautionary Statement Regarding Forward-Looking Statements

This press release includes forward-looking statements that involve known and unknown risks and uncertainties. All statements, other than historical facts are forward looking statements. Such statements are subject to risks and uncertainties that could cause our actual results and financial position to differ materially. Some of these risks include clinical, pre-clinical and regulatory uncertainties, such as those associated with the ACT-OA, STAR, SCLERADEC-I, SCLERADEC-II and possible BARDA wound trial (including risks in the collection and results of clinical data and final clinical outcomes), as well as achievement of financial goals (including 2016 operating cash burn and 2016 total revenues, as well as anticipated narrowing of quarterly losses and reduced need for capital), dependence on third party performance (including performance of investigator-initiated trials), performance and acceptance of our products in the marketplace, unexpected costs and expenses that could adversely impact liquidity, our reliance on key personnel, the right of the Federal Government to cut or terminate further support of the thermal burn injury program (including any decision not to proceed with a wound trial in 2016), our abilities to capitalize on our internal restructuring and achieve profitability, and other risks and uncertainties described under the "Risk Factors" in Cytori's Securities and Exchange Commission Filings, included in our annual and quarterly reports.

There may be events in the future that we are unable to predict, or over which we have no control, and our business, financial condition, results of operations and prospects may change in the future. We assume no responsibility to update or revise any forward-looking statements to reflect events, trends or circumstances after the date they are made unless we have an obligation under U.S. Federal securities laws to do so.

CYTORI THERAPEUTICS, INC. CONSOLIDATED CONDENSED BALANCE SHEETS (UNAUDITED)

	A	As of March 31, 2016		As of December 31, 2015	
Assets	_		_		
Current assets:					
Cash and cash equivalents	\$	9,358,000	\$	14,338,000	
Accounts receivable, net of reserves of \$795,000 and of \$797,000 in 2016 and 2015, respectively	Ψ	829,000	Ψ	1,052,000	
Inventories, net		4,462,000		4,298,000	
Other current assets	_	1,866,000		1,555,000	
Total current assets		16,515,000		21,243,000	
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Property and equipment, net		1,523,000		1,631,000	
Restricted cash and cash equivalents		350,000		350,000	
Other assets		1,682,000		1,521,000	
Intangibles, net		8,923,000		9,031,000	
Goodwill		3,922,000	_	3,922,000	
Total assets	\$	32,915,000	\$	37,698,000	
Liabilities and Stockholders' Equity					
Current liabilities:					
Accounts payable and accrued expenses	\$	6,693,000	\$	6,687,000	
Current portion of long-term obligations, net of discount	Ψ	1,724,000	Ψ	0,007,000 —	
Joint venture purchase obligation	_	1,267,000		1,750,000	
Total current liabilities		9,684,000		8,437,000	
Deferred revenues		101,000		105,000	
Long-term deferred rent and other		189,000		269,000	
Long-term obligations, net of discount, less current portion	_	15,198,000		16,681,000	
Total liabilities		25 452 000		25 402 000	
10(tit nitotitute)		25,172,000		25,492,000	
Commitments and contingencies					
Stockholders' equity:					
Series A 3.6% convertible preferred stock, \$0.001 par value; 5,000,000 shares authorized; 13,500 shares issued; no shares outstanding in 2016 and 2015		_		_	
Common stock, \$0.001 par value; 75,000,000 shares authorized; 13,310,740 and 13,003,893 shares issued and outstanding in 2016 and 2015, respectively		13,000		13,000	
Additional paid-in capital		369,339,000		368,214,000	
Accumulated other comprehensive income		747,000		996,000	
Accumulated deficit		(362,356,000)		(357,017,000)	
Total stockholders' equity	_	7,743,000	_	12,206,000	
Total liabilities and stockholders' equity	\$	32,915,000	\$	37,698,000	

CYTORI THERAPEUTICS, INC. CONSOLIDATED CONDENSED STATEMENTS OF OPERATIONS AND COMPREHENSIVE LOSS (UNAUDITED)

	F	For the Three Months Ended March 31,			
		2016		2015	
Product revenues	\$	1,333,000	\$	902,000	
Cost of product revenues		567,000		598,000	
Gross profit		766,000		304,000	
Development revenues: Government contracts and other	_	1,585,000	_	1,444,000	
Operating expenses: Research and development Sales and marketing General and administrative Change in fair value of warrants		4,127,000 1,035,000 2,286,000		3,963,000 839,000 2,499,000 15,444,000	
Total operating expenses	_	7,448,000	_	22,745,000	
Operating loss	_	(5,097,000)	_	(20,997,000)	
Other income (expense):					
Interest income		2,000		1,000	
Interest expense		(657,000)		(1,072,000)	
Other income, net		413,000		110,000	
Total other expense	_	(242,000)	_	(961,000)	
Net loss Beneficial conversion feature for	\$	(5,339,000)	\$	(21,958,000)	
convertible preferred stock Net loss allocable to common stock holders		<u> </u>	_	(661,000)	
Net loss allocable to collillion stock holders	\$	(5,339,000)	\$	(22,619,000)	
Basic and diluted net loss per share allocable to common stockholders	\$	(0.41)	\$	(3.19)	
Basic and diluted weighted average shares used in calculating net loss per share allocable to common stockholders	<u></u>	13,086,376	_	7,080,590	
Comprehensive loss:					
Net loss	\$	(5,339,000)	\$	(21,958,000)	
Other comprehensive (loss) income— foreign currency translation adjustments Comprehensive loss	<u>\$</u>	(249,000) (5,588,000)	\$	36,000 (21,922,000)	

CYTORI THERAPEUTICS, INC. CONSOLIDATED CONDENSED STATEMENTS OF CASH FLOWS (UNAUDITED)

(UNAUDITED)	F	For the Three Mon March 3			
		2016	_	2015	
Cash flows from operating activities: Net loss	¢	(F 220 000)	φ	(21.059.000)	
	\$	(5,339,000)	Ф	(21,958,000)	
Adjustments to reconcile net loss to net cash used in operating activities: Depreciation and amortization		291,000		213,000	
Amortization of deferred financing costs and debt discount		232,000		213,000	
Joint venture acquisition obligation accretion		17,000		203,000	
Change in fair value of warrants		17,000		15,444,000	
Stock-based compensation expense		317,000		459,000	
Loss on asset disposal		2,000		455,000	
Increases (decreases) in cash caused by changes in operating assets and liabilities: Accounts receivable		155,000		546,000	
Inventories		(206,000)		100,000	
Other current assets		(408,000)		(470,000)	
Other assets					
Accounts payable and accrued expenses		(211,000)		68,000	
Deferred revenues		176,000		138,000 21,000	
Long-term deferred rent		(4,000) (80,000)			
Long-term deferred rent		(80,000)		(51,000)	
Net cash used in operating activities	_	(5,058,000)	_	(5,030,000)	
Cash flows from investing activities: Purchases of property and equipment		(69,000)		(187,000)	
Net cash used in investing activities		(69,000)	_	(187,000)	
Cash flows from financing activities:					
Joint venture purchase payments		(500,000)		(123,000)	
Proceeds from sale of common stock, net		562,000		3,974,000	
Dividends paid on preferred stock		502,000		(72,000)	
211-defiate part on presented stock				(72,000)	
Net cash provided by financing activities		62,000		3,779,000	
		- ,,			
Effect of exchange rate changes on cash and cash equivalents		85,000	_	15,000	
Net decrease in cash and cash equivalents		(4,980,000)		(1.422.000)	
rect decrease in cash and cash equivalents		(4,960,000)		(1,423,000)	
Cash and cash equivalents at beginning of period		14,338,000	_	14,622,000	
Cash and cash equivalents at end of period	<u>\$</u>	9,358,000	\$	13,199,000	
Supplemental disclosure of cash flows information: Cash paid during period for: Interest	\$	400,000	\$	612,000	
Supplemental schedule of non-cash investing and financing activities: Conversion of preferred stock into common stock				10.000	
Declared dividend related to preferred stack				10,000	

Declared dividend related to preferred stock.....

3,000