UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, DC 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 4, 2010

Cadence Pharmaceuticals, Inc.
(Exact name of registrant as specified in its charter)

Delaware	**001-33103**	**41-2142317**
(State or other jurisdiction of incorporation)	**(Commission File Number)**	**(IRS Employer Identification No.)**

12481 High Bluff Drive, Suite 200
San Diego, California 92130
(Address of principal executive offices, including zip code)

(858) 436-1400
(Registrant's telephone number, including area code)

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)

☐ 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))

Item 8.01 Other Events

On May 5, 2010, Cadence Pharmaceuticals, Inc. issued a press release announcing that it had resubmitted its New Drug Application (NDA) to the U.S. Food and Drug Administration (FDA) for its investigational product candidate, OFIRMEV™ (acetaminophen) injection, on May 4, 2010. A copy of this press release is attached as Exhibit 99.1 to this Form 8-K and is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits

Exhibit No.	Description
99.1	Press Release of Cadence Pharmaceuticals, Inc. dated May 5, 2010

Cadence™ and OFIRMEV™ are trademarks of Cadence Pharmaceuticals, Inc.

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.

CADENCE PHARMACEUTICALS, INC.

By: /s/ WILLIAM R. LARUE

William R. LaRue
Senior Vice President, Chief Financial Officer,
Treasurer and Assistant Secretary

Date: May 5, 2010

EXHIBIT INDEX

Exhibit No.	Description
99.1	Press Release of Cadence Pharmaceuticals, Inc. dated May 5, 2010

Cadence Pharmaceuticals Resubmits New Drug Application for OFIRMEV

SAN DIEGO, CA – May 5, 2010 – Cadence Pharmaceuticals, Inc. (Nasdaq: CADX) announced today that it has resubmitted its New Drug Application (NDA) to the U.S. Food and Drug Administration (FDA) for its investigational product candidate, OFIRMEV™ (acetaminophen) injection, for the treatment of pain and fever in adults and children.

The NDA for OFIRMEV was resubmitted on May 4, 2010. The FDA will determine the type of resubmission (Class 1 or Class 2) and resulting review timeline (two months or six months, respectively) subsequent to this NDA submission.

On February 10, 2010, Cadence received a Complete Response letter from the FDA which only indicated that the OFIRMEV NDA could not be approved due to deficiencies observed during the FDA's facility inspection of Cadence's third party manufacturer. The Complete Response letter did not cite any safety or efficacy issues or require that any additional studies be conducted prior to approval.

Cadence met with the FDA on April 16, 2010 to discuss the deficiencies outlined in the letter, at which time the agency did not request any new safety, efficacy, or stability studies. Based upon Cadence's discussions with the FDA, Cadence has now resubmitted the NDA to move toward potential approval of OFIRMEV.

About OFIRMEV (acetaminophen) Injection

OFIRMEV™ is Cadence Pharmaceuticals' proprietary intravenous formulation of acetaminophen. Acetaminophen is the most widely used medication for the treatment of pain and fever in the United States and is available in more than 600 combination and single-ingredient prescription and over-the-counter products. Cadence acquired the exclusive rights to OFIRMEV in the United States and Canada in 2006 from Bristol-Myers Squibb, which markets the product as Perfalgan® in Europe and other parts of the world. IV acetaminophen is approved in approximately 80 countries, including major markets in Europe, where the product is the market leader among all injectable analgesics.

About Cadence Pharmaceuticals, Inc.

Cadence Pharmaceuticals is a biopharmaceutical company focused on in-licensing, developing and commercializing proprietary product candidates principally for use in the hospital setting. For more information about Cadence, please visit www.cadencepharm.com.

Forward-Looking Statements

Statements included in this press release that are not a description of historical facts are forward-looking statements. Words such as "believes," "expects," "anticipates," and "will," and similar expressions, are intended to identify forward-looking statements, and are based on Cadence's current beliefs and expectations. Forward-looking statements include statements regarding the efforts of Cadence and its third party manufacturer to resolve the FDA's observations with respect to the OFIRMEV manufacturing facility;

the company's beliefs regarding the sufficiency of the NDA for OFIRMEV as re-submitted; and the anticipated timelines and the potential for approval of the NDA for OFIRMEV. All such forward-looking statements are based on Cadence's current beliefs and expectations, and should not be regarded as a representation by Cadence that any of its plans will be achieved. Actual results may differ materially from those set forth in this press release due to the risks and uncertainties inherent in the company's business, including, without limitation: the potential for the FDA to require additional data or information as part of its review of the resubmission of the NDA for OFIRMEV, including requirements for additional stability batches or other manufacturing data, which may require significant time and expense to produce; Cadence's reliance on its third party manufacturer to respond to the FDA's concerns and address any manufacturing facility deficiencies; the risk that further FDA scrutiny of the manufacturing site may raise additional issues that must be resolved prior to obtaining approval of the NDA, causing further delay and expense; the risk that the company may not receive regulatory approval for OFIRMEV on a timely basis or at all; Cadence's dependence on the success of OFIRMEV as its only product candidate; the potential for Cadence to require substantial additional funding in order to obtain regulatory approval for and commercialize OFIRMEV, and the risk that the company may not be able to raise sufficient capital when needed, or at all; the risk that delays in approval of the NDA for OFIRMEV and its commercial launch will enable competitors to further entrench their existing products or develop and bring new products to market before OFRIMEV; and other risks detailed in Cadence's prior press releases as well as in Cadence's periodic public filings with the Securities and Exchange Commission. You are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date hereof. All forward-looking statements are qualified in their entirety by this cautionary statement and Cadence undertakes no obligation to revise or update this press release to reflect events or circumstances after the date hereof. This caution is made under the safe harbor provisions of Section 21E of the Private Securities Litigation Reform Act of 1995.

Cadence™ and OFIRMEV™ are trademarks of Cadence Pharmaceuticals, Inc. Perfalgan® is a registered trademark of Bristol-Myers Squibb Company.

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