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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 the earliest event reported): May 26, 2005

NEUROCRINE BIOSCIENCES, INC.

(Exact name of registrant as specified in its charter)

Delaware	**0-22705**	**33-0525145**
(State or other jurisdiction of incorporation or organization)	(Commission File Number)	(IRS Employer Identification No.)

12790 El Camino Real	**92130**
(Address of principal executive offices)	(Zip Code)

Registrant's telephone number, including area code: **(858) 617-7600**

N/A

(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:

o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

o 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 8.01 OTHER EVENTS.

On May 26, 2005 Neurocrine Biosciences, Inc. announced its submission of a new drug application to the U.S. Food and Drug Administration for indiplon modified release tablets. The full text of the press release issued with this announcement is filed as Exhibit 99.1 to this Current Report on Form 8-K.

ITEM 9.01 FINANCIAL STATEMENTS AND EXHIBITS.

(c) EXHIBITS. The following exhibits are filed herewith:

Exhibit Number	Description of Exhibit
99.1	Press Release dated May 26, 2005

SIGNATURES

Pursuant to the requirements of the Securities and Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Dated: May 26, 2005

NEUROCRINE BIOSCIENCES, INC.

/s/ PAUL W. HAWRAN
Paul W. Hawran
Executive Vice President and Chief Financial Officer

Investor Contacts:
Elizabeth Foster or Claudia Jones of Neurocrine Biosciences
(858) 617-7600

Media Contact:
Liz Frank of Cohn & Wolfe
(212) 798-9734

NEUROCRINE ANNOUNCES SUBMISSION OF NEW DRUG APPLICATION FOR INDIPLON TABLETS

PROMISING NEW TREATMENT OPTION SHOWN TO HELP PATIENTS GET A FULL NIGHT'S SLEEP

San Diego, CA, May 26, 2005 - Neurocrine Biosciences, Inc. (NASDAQ:NBIX) announced that the company has completed submission of a New Drug Application (NDA) to the U.S. Food and Drug Administration (FDA) for indiplon tablets for the treatment of insomnia in both adult and elderly patients. The NDA for indiplon capsules was submitted to the FDA in April of 2005. These filings are based on clinical data supporting that both capsules and tablets show significant improvement in all sleep onset, sleep maintenance and sleep quality parameters.

"The indiplon NDA submissions are supported by data from one of the most comprehensive clinical trial programs conducted in insomnia which showcased the consistency with which indiplon helps patients address sleep onset and sleep maintenance problems while improving overall sleep quality," said Gary A. Lyons, President and CEO of Neurocrine Biosciences. "We believe that the flexibility of indiplon in treating the individual sleep needs of patients, coupled with the demonstrated long-term safety, make it an important advancement in the treatment of insomnia."

The indiplon NDA filings contain data from 72 clinical trials and include a comprehensive safety and efficacy evaluation in more than 7,500 subjects. Clinical trial results have shown that indiplon capsules and tablets help patients consistently fall asleep faster, increase the amount of time they sleep during the night, decrease number of nighttime awakenings and improve overall sleep quality over the course of short or long-term treatment without evidence of tolerance when administered nightly for up to three months or withdrawal upon discontinuation of nightly dosing - complications often seen with extended use of older-generation sleep medications.

ABOUT INDIPLON

Indiplon is a unique, non-narcotic, non-benzodiazapine agent that acts on a specific site of the GABA-A receptor. Indiplon has been shown to bind selectively to the specific subtype of GABA-A receptors within the brain believed to be responsible for promoting sleep. Indiplon was developed to address different types of sleep problems. Indiplon was licensed from DOV Pharmaceutical in 1998. Upon approval, indiplon will be copromoted in the US with Pfizer.

Insomnia is a prevalent condition in the United States. According to the National Sleep Foundation's (NSF) Sleep in America Poll 2005 approximately half of America's adults report

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that they experienced at least one symptom of insomnia a few nights a week or more in the past year. Sleep loss has been found to impair the ability to perform tasks involving memory, learning, and logical reasoning, yet few people understand the importance of sufficient sleep.

Neurocrine Biosciences, Inc. is a product-based biopharmaceutical company focused on neurological and endocrine diseases and disorders. Our product candidates address some of the largest pharmaceutical markets in the world including insomnia, anxiety, depression, diabetes, multiple sclerosis, irritable bowel syndrome, eating disorders, pain, and autoimmunity. Neurocrine Biosciences, Inc. news releases are available through the Company's website via the Internet at http://www.neurocrine.com

In addition to historical facts, this press release may contain forward-looking statements that involve a number of risks and uncertainties. Among the factors that could cause actual results to differ materially from those indicated in the forward-looking statements are risks and uncertainties associated with Neurocrine's business and finances in general including, but not limited to, risk and uncertainties associated with the Company's indiplon program and planned regulatory activities. Specifically, the risks and uncertainties the Company faces with respect to its indiplon program include, but are not limited to; risk that the reformatted indiplon capsule and tablet NDAs will not be acceptable to the FDA; the risk that regulatory authorities may reject our regulatory submissions or find them incomplete or insufficient; risk that additional clinical studies may be required to support submissions for regulatory approval; risk that the indiplon labeling granted by regulatory authorities may limit the commercial success of indiplon; risk relating to the Company's dependence on contract manufacturers for clinical drug supply and compliance with regulatory requirements for marketing approval; risks associated with the Company's dependence on corporate collaborators for commercial manufacturing and marketing and sales activities; uncertainties relating to patent protection and intellectual property rights of third parties; risks and uncertainties relating to competitive products and technological changes that may limit demand for the Company's products; risk that the Company will be unable to raise additional funding required to complete development of all of its product candidates; and the other risks described in the Company's report on Form 10-K for the year ended December 31, 2004 and report on Form 10-Q for the quarter ended March 31, 2005. Neurocrine undertakes no obligation to update the statements contained in this press release after the date hereof.

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