

CORTEX PHARMACEUTICALS INC/DE/

Form 8-K

February 23, 2004

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)

February 17, 2004

CORTEX PHARMACEUTICALS, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction

of incorporation)

0-17951
(Commission File Number)

33-0303583
(I.R.S. Employer

Identification No.)

15241 Barranca Parkway

Irvine, California
(Address of principal executive offices)

92618
(Zip Code)

Registrant's telephone number, including area code: (949) 727-3157

N/A

(Former name or former address, if changed since last report.)

Item 5. Other Events Results of Cross National MCI Clinical Trial.

On February 17, 2004, Cortex Pharmaceuticals, Inc. ("Cortex") announced that its AMPAKINE[®] CX516 failed to meet the primary endpoint in a cross national clinical study conducted in patients with mild cognitive impairment.

The press release describing the study and the results is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

Item 7. Exhibits

(c) Exhibits.

| <i><u>Exhibit Number</u></i> | <i><u>Description</u></i> |
|----------------------------------|--|
| 99.1 | Press Release dated February 17, 2004. |

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.

February 19, 2004

CORTEX PHARMACEUTICALS, INC.

/s/ Maria S. Messinger

Maria S. Messinger
Vice President, Chief Financial Officer and Corporate Secretary

EXHIBIT INDEX

| <i>Exhibit Number</i> | <i>Description</i> |
|----------------------------------|--|
| 99.1 | Press Release dated February 17, 2004. |