

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): August 22, 2006

A.P. Pharma, Inc.

(Exact name of registrant as specified in its charter)

000-16109

(Commission File Number)

Delaware

94-2875566

(State or other jurisdiction
of incorporation)

(I.R.S. Employer
Identification No.)

123 Saginaw Drive
Redwood City, CA 94063

(Address of principal executive offices, with zip code)

(650) 366-2626

(Registrant's telephone number, including area code)

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 (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 5.02 Departure of Directors or Principal Officers; Election
of Directors; Appointment of Principal Officer

On August 28, 2006, A.P. Pharma, Inc., a Delaware
corporation (the "Company"), announced that Gordon Sangster,
Chief Financial Officer of the Company, is leaving the Company on
September 12, 2006, to pursue another opportunity. Mr. Sangster
will continue to act as the Company's principal financial officer
and principal accounting officer until his departure. The
Company has commenced a search for a new Chief Financial Officer.

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.

A.P. PHARMA, INC.

Date: August 28, 2006

By: /s/ Michael O'Connell

Michael O'Connell
Chief Executive Officer