

CYTOKINETICS INC  
Form 8-K  
March 19, 2010

---

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):

March 19, 2010

Cytokinetics, Incorporated

(Exact name of registrant as specified in its charter)

Delaware

000-50633

94-3291317

(State or other jurisdiction  
of incorporation)

(Commission  
File Number)

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

280 East Grand Avenue, South San Francisco,  
California

94080

(Address of principal executive offices)

(Zip Code)

Registrant's telephone number, including area code:

(650) 624 - 3000

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:

- 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))



**Top of the Form**

**Item 8.01 Other Events.**

On March 19, 2010, Cytokinetics, Incorporated issued a press release announcing that the company has opened a Phase IIa "Evidence of Effect" (EoE) clinical trial of CK-2017357 for patients with amyotrophic lateral sclerosis (ALS), also known as Lou Gehrig's Disease. CK-2017357 is a fast skeletal muscle troponin activator and is the lead drug candidate that has emerged from the company's cardiac contractility program. CK-2017357 selectively activates the fast skeletal muscle troponin complex and increases its sensitivity to calcium, resulting in increased skeletal muscle force. In March 2010, CK-2017357 was granted an orphan-drug designation by the United States Food and Drug Administration (FDA) for the potential treatment of ALS.

A copy of the press release is filed as Exhibit 99.1 to this Current Report on Form 8-K, and is incorporated herein by reference.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits.

The following Exhibit is filed as part of this Current Report on Form 8-K:

Exhibit No. Description

-----  
99.1 Press Release, dated March 19, 2010.

---

**Top of the Form**

**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.

*March 19, 2010*

Cytokinetics, Incorporated

By: */s/ Sharon Barbari*

---

*Name: Sharon Barbari*

*Title: Executive Vice President, Finance and Chief Financial Officer*

---

**Top of the Form**

Exhibit Index

<b><u>Exhibit No.</u></b>	<b><u>Description</u></b>
99.1	Press Release, dated March 19, 2010.