

REPOS THERAPEUTICS INC.  
Form 8-K  
August 18, 2009

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

FORM 8-K

Current Report Filed Pursuant to Section 13 or 15(d) of  
The Securities Exchange Act of 1934

Date of Report  
(Date of earliest event reported): August 17, 2009

Repos Therapeutics Inc.  
(Exact name of registrant as specified in its charter)

Delaware  
(State or other jurisdiction of  
incorporation or organization)

001-15281  
(Commission File Number)

76-0233274  
(I.R.S. Employer Identification No.)

2408 Timberloch Place, Suite B-7  
The Woodlands, Texas 77380  
(Address of principal  
executive offices  
and zip code)

(281) 719-3400

(Registrant's telephone number, including area code)

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))
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Item 2.02 Results of Operations and Financial Condition.

The information in this Current Report is being furnished pursuant to Item 2.02 of Form 8-K and, according to general instruction B.2. thereunder, the information in this Current Report shall not be deemed “filed” for the purposes of Section 18 of the Securities Exchange Act of 1934 or otherwise subject to the liabilities of that Section. The information in this Current Report shall not be incorporated by reference into any registration statement pursuant to the Securities Act of 1933.

On August 17, 2009, Repros Therapeutics Inc. (the “Company”) announced financial results for the second quarter ended June, 30, 2009 and provided an update with regard to the status of the Company and certain recent events already disclosed in previous filings. Additional information is included in the Company’s press release dated August 17, 2009.

A copy of the Company’s press release is attached hereto as Exhibit 99.1. The foregoing description of the press release is qualified in its entirety by reference to the attached exhibit.

Item 9.01 – Financial Statements and Exhibits

(d) Exhibits

| Exhibit<br>Number | Description                         |
|-------------------|-------------------------------------|
| 99.1              | Press Release dated August 17, 2009 |

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SIGNATURES

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

Repros Therapeutics Inc.

Date: August 17, 2009.

By: /s/ Louis Ploth, Jr.  
Louis Ploth, Jr.  
Chief Financial Officer

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EXHIBIT INDEX

| Exhibit<br>Number | Description                         |
|-------------------|-------------------------------------|
| 99.1              | Press Release dated August 17, 2009 |

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