

REPOS THERAPEUTICS INC.  
Form 8-K  
December 23, 2010

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): December 23, 2010

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))

Item 8.01 Other Events.

On December 23, 2010, Repros Therapeutics Inc. (the “Company”) issued a press release titled “Repros® Therapeutics Submits Data to the FDA Supporting Morning Assessment of Testosterone for Men Treated with Androxal® as Indicative of Average and Maximum Levels Attained.” A copy of such press release is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit Number	Description
99.1	Press Release dated December 23, 2010

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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.

Date: December 23, 2010

Repros Therapeutics Inc.

By: /s/ Joseph S. Podolski  
Joseph S. Podolski  
President and Chief Executive Officer

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EXHIBIT INDEX

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