

InspireMD, Inc.  
Form 8-K  
May 24, 2012

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

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FORM 8-K

CURRENT REPORT  
Pursuant to Section 13 or 15(d) of the  
Securities Exchange Act of 1934

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Date of Report (Date of earliest event reported): May 24, 2012

InspireMD, Inc.  
(Exact Name of Registrant as Specified in Charter)

Delaware  
(State or other  
jurisdiction of  
incorporation)

000-54335  
(Commission File  
Number)

26-2123838  
(IRS Employer  
Identification No.)

4 Menorat Hamaor St.  
Tel Aviv, Israel

(Address of principal executive offices)

67448

(Zip Code)

Registrant's telephone number, including area code: 972-3-691-7691

(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))

Item 8.01 Other Events.

On May 24, 2012, InspireMD, Inc. issued a press release announcing the completion of enrollment in its MASTER (MGuard™ for Acute ST Elevation Reperfusion) trial. A copy of this 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 May 24, 2012.

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SIGNATURES

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

INSPIREMD, INC.

Date: May 24, 2012

By: /s/ Craig Shore  
Name: Craig Shore  
Title: Chief Financial Officer

EXHIBIT INDEX

Exhibit Number	Description
99.1	Press release dated May 24, 2012.