

Sanofi  
Form 6-K  
April 19, 2012

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**FORM 6-K**

**REPORT OF FOREIGN PRIVATE ISSUER**  
**PURSUANT TO RULE 13a-16 OR 15d-16**  
**UNDER THE SECURITIES EXCHANGE ACT OF 1934**

For the month of April 2012

Commission File Number: 001-31368

**SANOFI**

(Translation of registrant's name into English)

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54, rue La Boétie, 75008 Paris, FRANCE

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F  Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes  No

If  Yes  marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82-

In April 2012, Sanofi and its Genzyme subsidiary issued the press releases attached hereto as Exhibits 99.1 to 99.3 which are incorporated herein by reference.

**Exhibit List**

| Exhibit      |  |
|--------------|--|
| No.          | Description  |
| Exhibit 99.1 | Press release dated March 29, 2012: KYNAMRO (mipomersen sodium) Data Presented at XVI International Symposium on Atherosclerosis |
| Exhibit 99.2 | Press release dated April 2, 2012: Merial Acquires Newport Laboratories  |
| Exhibit 99.3 | Press release dated April 5, 2012: Sanofi and Regeneron Announce Regulatory and Clinical Update for Zaltrap® (afibercept)        |

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, thereunto duly authorized.

Dated: April 18, 2012

SANOFI

By /S/ John Felitti  
Name: John Felitti  
Title: Associate Vice President,  
Corporate Law, Financial & Securities Law

**Exhibit Index**

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