

SANOFI-AVENTIS  
Form 6-K  
April 10, 2009

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 2009

Commission File Number: 001-31368

**SANOFI-AVENTIS**

(Translation of registrant's name into English)

174, avenue de France, 75013 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 2009, sanofi-aventis issued the press releases attached hereto as Exhibits 99.1, 99.2 and 99.3 which are incorporated herein by reference.

**Exhibit List**

| <u>Exhibit No.</u> | <u>Description</u>   |
|--------------------|--|
| Exhibit 99.1       | Press release dated March 31, 2009: Plavix® Plus Aspirin more effective than Aspirin alone in preventing major vascular events in patients with atrial fibrillation who cannot take oral anticoagulants. |
| Exhibit 99.2       | Press release dated April 2, 2009: Sanofi-aventis acquires Laboratorios Kendrick in Mexico.  |
| Exhibit 99.3       | Press release dated April 9, 2009: Sanofi-aventis to acquire Medley in Brazil.   |

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 9, 2009

SANOFI-AVENTIS

By           /S/ Patricia Kodyra            
Name: Patricia Kodyra  
Title: Associate Vice President,  
Corporate Law, Financial and  
Securities Law

**Exhibit Index**

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