

SANOFI-AVENTIS
Form 6-K
February 25, 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 February 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-_____

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In February 2009, sanofi-aventis issued the press releases attached hereto as Exhibits 99.1 to 99.4 which are incorporated herein by reference.

Exhibit List

| Exhibit No. | Description |
|--------------|---|
| Exhibit 99.1 | Press release dated February 17, 2009: Sanofi Pasteur starts a phase II study of a vaccine against <i>Clostridium difficile</i> . |
| Exhibit 99.2 | Press release dated February 18, 2009: Sanofi Pasteur Dengue Vaccine Enters Pediatric Efficacy Clinical Study. |
| Exhibit 99.3 | Press release dated February 24, 2009: Sanofi-aventis and the Salk Institute establish regenerative medicine research alliance. |
| Exhibit 99.4 | Press release dated February 25, 2009: Sanofi-aventis Announces Success of Zentiva Offer. |

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: February 25, 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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