

BAYER AKTIENGESELLSCHAFT  
Form 6-K  
May 31, 2006

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**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 May 2006

Commission File Number: 001-16829

**Bayer Aktiengesellschaft  
Bayer Corporation\***

(Translation of registrant's name into English)

Bayerwerk, Gebaeude W11  
Kaiser-Wilhelm-Allee  
51368 Leverkusen  
Germany

(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of 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" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82- \_\_\_\_\_.

\*

Bayer Corporation is also the name of a wholly-owned subsidiary of the registrant in the United States.

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Exhibit List	Description
99.1	English translation of notice published in the <i>Börsen-Zeitung</i> on May 27, 2006
99.2	English translation of notice published in the <i>Frankfurter Allgemeine Zeitung</i> on May 29, 2006
99.3	Announcement made by the Bidder according to Sections 21 (2) 1, 14 (3) 1 of the German Securities Acquisition and Takeover Act on May 30, 2006
99.4	Press release of the Bidder dated May 30, 2006

**SIGNATURE**

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.

BAYER AKTIENGESELLSCHAFT (REGISTRANT)

By: /s/ DR. ROLAND HARTWIG

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Name: Dr. Roland Hartwig  
Title: General Counsel

By: /s/ DR. ALEXANDER ROSAR

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Name: Dr. Alexander Rosar  
Title: Head of Investor Relations

Date: May 30, 2006

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SIGNATURE