BAYER AKTIENGESELLSCHAFT Form 6-K March 27, 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 March 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 \circ Form 40-F o

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): o

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): o

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 o No \circ

	If "Yes	" is marked,	indicate	below the	file numb	er assigned	to the	registrant	in conr	ection	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	<u>Description</u>						
99.1	Investor Conference Call Presentation, dated March 24, 2006						
99.2	Investor Conference Call Handout, dated March 24, 2006						
99.3	Investor Conference Call Transcript, dated March 24, 2006						
99.4	Letter of Bayer AG to Schering AG, dated March 23, 2006						
99.5	Letter of Schering AG to Bayer AG, dated March 23, 2006						
99.6	Letter to Bayer AG Stockholders, dated March 24, 2006						
99.7	Joint declaration by Management of Bayer AG and employee representatives on Bayer's Supervisory						
	Board, dated March 23, 2006						
99.8	Press Conference Call Transcript, dated March 24, 2006						
99.9	Questions and answers concerning the takeover offer						
99.10	Prepared questions and answers for television interviews						
99.11	News Conference Call Transcript, dated March 24, 2006						
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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

Name: Dr. Roland Hartwig Title: General Counsel

By: /s/ DR. ALEXANDER ROSAR

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

Date: March 24, 2006

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SIGNATURE