

ACHILLION PHARMACEUTICALS INC
Form RW
October 18, 2006

Achillion Pharmaceuticals, Inc.

300 George Street

New Haven, CT 06511

October 18, 2006

BY EDGAR

United States Securities and Exchange Commission

Division of Corporation Finance

100 F Street, N.E.

Washington, DC 20549

Re: Achillion Pharmaceuticals, Inc.
Request to Withdraw Registration Statement on Form 8-A filed, April 5, 2006

File Number: 333-132921

Ladies and Gentlemen:

Achillion Pharmaceuticals, Inc. (the Company) hereby requests the consent of the Securities and Exchange Commission to withdraw the Form 8-A filed by the Company via EDGAR on April 5, 2006. The Company inadvertently filed the Form 8-A under Section 12(g) of the Securities Exchange Act of 1934. A corrected Form 8-A under Section 12(b) of the Securities Exchange Act of 1934 is being filed concurrently herewith.

Should you have any questions regarding this request, please contact me at 203-752-5414 or Susan Mazur of Wilmer Cutler Pickering Hale and Dorr LLP, counsel to the Company, at 781-966-2005.

Thank you for your assistance.

Very truly yours,

/s/ Mary Kay Fenton
Mary Kay Fenton

Vice President and Chief Financial Officer