

REGENERON PHARMACEUTICALS INC

Form S-3

December 14, 2004

Table of Contents

As filed with the Securities and Exchange Commission on December 14, 2004

Registration Nos. 333-

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form S-3
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933

Regeneron Pharmaceuticals, Inc.

(Exact Name of Registrant as Specified in Its Charter)

New York
*(State or other jurisdiction of
incorporation or organization)*

13-3444607
*(I.R.S. Employee
identification number)*

777 Old Saw Mill River Road
Tarrytown, New York, 10591-6707
(914) 345-7400
*(Address, Including Zip Code, and Telephone Number, Including Area Code,
of Registrant's Principal Executive Offices)*

Stuart A. Kolinski, Esq.
Vice President, General Counsel and Secretary
Regeneron Pharmaceuticals, Inc.
777 Old Saw Mill River Road
Tarrytown, New York, 10591-6707
(914) 345-7400
*(Name, Address, Including Zip Code, and Telephone Number,
Including Area Code, of Agents for Service)*

With A Copy To:

Kent A. Coit, Esq.

Skadden, Arps, Slate, Meagher & Flom LLP
One Beacon Street
Boston, Massachusetts 02108
(617) 573-4800

Approximate date of commencement of proposed sale to the public: From time to time after this Registration Statement becomes effective.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, check the following box.

Edgar Filing: REGENERON PHARMACEUTICALS INC - Form S-3

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If delivery of the prospectus is expected to be made pursuant to Rule 434, please check the following box:

CALCULATION OF REGISTRATION FEE

Title of Each Class of Securities to be Registered(1)	Amount to be Registered(1)	Proposed Maximum Aggregate Offering Price(1)(2)	Amount of Registration Fee
Common stock, par value \$0.001 (including the associated rights to purchase Series A junior participating preferred stock)(3)			
Preferred stock, par value \$0.01			
Debt securities			
Warrants(4)			
Total	\$200,000,000	100%	\$23,540

(1) Pursuant to General Instruction II.D of Form S-3, the amount to be registered is not specified as to each class of securities. Subject to Rule 462(b) under the Securities Act, the aggregate public offering price of the securities registered hereby will not exceed \$200,000,000. This Registration Statement includes such indeterminate number of shares of common stock and preferred stock, such indeterminate number of warrants, and such indeterminate principal amount of debt securities as may from time to time be issued at indeterminate prices. Any securities registered hereunder may be sold separately or as units with other securities registered hereunder.

(2) Estimated solely for the purpose of calculating the registration fee pursuant to Rule 457(o) under the Securities Act and exclusive of accrued interest and dividends, if any.

(3) The rights to purchase shares of our Series A junior participating preferred stock initially are attached to and trade with the shares of our common stock being registered hereby. The value attributed to such rights, if any, is reflected in the market price of our common stock.

(4) Includes warrants to purchase common stock, warrants to purchase preferred stock, and warrants to purchase debt securities.

The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act or until the registration statement shall become effective on such date as the Securities and Exchange Commission (SEC), acting pursuant to said Section 8(a), may determine.

Table of Contents

The information in this prospectus is not complete and may be changed. We may not sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities, and we are not soliciting offers to buy these securities in any state where the offer or sale is not permitted.

SUBJECT TO COMPLETION, DATED DECEMBER 14, 2004

PRELIMINARY PROSPECTUS

\$200,000,000

Regeneron Pharmaceuticals, Inc.

Common Stock

Preferred Stock

Debt Securities

Warrants

REGENERON PHARMACEUTICALS, INC. may sell from time to time in one or more offerings, together or separately:

common stock;

preferred stock;

debt securities; and

warrants to purchase debt securities, common stock or preferred stock.

The common stock of Regeneron Pharmaceuticals, Inc. is listed on the Nasdaq National Market under the symbol REGN. Our principal executive offices are located at 777 Old Saw Mill River Road, Tarrytown, NY 10591-6707, telephone (914) 345-7400.

Investing in our securities involves risks that are described in the Risk Factors section beginning on page 2 of this prospectus.

We urge you to read carefully this prospectus and the accompanying prospectus supplement, which will describe the specific terms of the securities being offered to you, before you make your investment decision.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus or the accompanying prospectus supplement is truthful or complete. Any representation to the contrary is a criminal offense.

This prospectus may not be used to sell securities unless accompanied by a prospectus supplement.

The date of this prospectus is December 14, 2004.

TABLE OF CONTENTS

<u>ABOUT THIS PROSPECTUS</u>	i
<u>WHERE YOU CAN FIND MORE INFORMATION</u>	i
<u>SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS</u>	ii

Edgar Filing: REGENERON PHARMACEUTICALS INC - Form S-3

<u>REGENERON PHARMACEUTICALS, INC</u>	1
<u>RISK FACTORS</u>	2
<u>USE OF PROCEEDS</u>	13
<u>RATIO OF EARNINGS TO COMBINED FIXED CHARGES AND</u>	
<u>PREFERRED STOCK DIVIDENDS</u>	13
<u>DESCRIPTION OF SECURITIES</u>	13
<u>Description of Capital Stock</u>	13
<u>Description of Debt Securities</u>	17
<u>Description of Warrants</u>	25
<u>PLAN OF DISTRIBUTION</u>	27
<u>LEGAL MATTERS</u>	28
<u>EXPERTS</u>	28
<u>STATEMENT RE: COMPUTATION OF RATIOS OF EARNINGS TO</u>	
<u>COMBINED FIXED CHARGES</u>	
<u>CONSENT OF PRICEWATERHOUSECOOPERS LLP</u>	
<u>CONSENT OF ERNST & YOUNG LLP</u>	

In this prospectus, Regeneron, our company, we, us, the issuer, the registrant, and our refer to Regeneron Pharmaceuticals, Inc., to our common stock refer to shares of our common stock, par value \$0.001 per share, and shall include the rights attached to such common stock in accordance with our shareholder rights plan, references to our Class A stock refer to our Class A stock, par value \$0.001 per share, and shall include the rights attached to such Class A stock in accordance with our shareholder rights plan, and references to our common shares shall mean, collectively, shares of common stock and shares of Class A stock.

ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission using a shelf registration process. Under this shelf process, we may sell any combination of the securities described in this prospectus in one or more offerings up to a total dollar amount of \$200,000,000. This prospectus provides you with a general description of the securities we may offer. Each time we sell securities, we will provide a prospectus supplement that will contain specific information about the terms of that offering. The prospectus supplement may also add, update or change information contained in this prospectus. You should read both this prospectus and any prospectus supplement together with additional information described under the heading Where You Can Find More Information.

WHERE YOU CAN FIND MORE INFORMATION

We file reports, proxy statements, and other information with the SEC. The public may read and copy any materials filed by us at the SEC's Public Reference Room at 450 Fifth Street, N.W., Washington, D.C. 20549 or on the Internet site maintained by the SEC at <http://www.sec.gov>. Please call the SEC at 1-800-SEC-0330 for further information on the Public Reference Room. Our common stock is listed on the Nasdaq National Market, and these reports, proxy statements, and other information are also available for inspection at the offices of the Nasdaq Stock Market, 1735 K Street, N.W., Washington, D.C. 20006-1504.

This prospectus is part of a registration statement filed by us with the SEC. The full registration statement can be obtained from the SEC, as indicated above, or from us.

The SEC allows us to incorporate by reference the information we file with the SEC. This permits us to disclose important information to you by referring to these filed documents. Any information referred to in

Table of Contents

this way is considered part of this prospectus. We incorporate by reference the following documents that have been filed with the SEC:

our amended Annual Report on Form 10-K/A for the year ended December 31, 2003 filed with the SEC on December 14, 2004;

our Quarterly Reports on Form 10-Q for the quarter ended March 31, 2004 filed with the SEC on May 6, 2004, for the quarter ended June 30, 2004 filed with the SEC on August 5, 2004, and for the quarter ended September 30, 2004 filed with the SEC on November 8, 2004; and

our Current Reports on Form 8-K filed with the SEC on April 27, 2004, April 28, 2004, July 27, 2004 (as to Item 5 only), November 12, 2004, and November 17, 2004.

Any information in any of the foregoing documents will automatically be deemed to be modified or superceded to the extent that information in this prospectus or in a later filed document that is incorporated or deemed to be incorporated herein by reference modifies or replaces such information.

We also incorporate by reference any future filings (other than current reports furnished under Item 2.02 or Item 7.01 of Form 8-K and exhibits filed on such form that are related to such items) made with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934, as amended (the Exchange Act), until we file a post-effective amendment which indicates the termination of the offering of the securities made by this prospectus. Information in such future filings updates and supplements the information provided in this prospectus. Any statements in any such future filings will automatically be deemed to modify and supercede any information in any document we previously filed with the SEC that is incorporated or deemed to be incorporated herein by reference to the extent that statements in the later filed document modify or replace such earlier statements.

We will provide to each person, including any beneficial owner, to whom a prospectus is delivered, without charge upon written or oral request, a copy of any or all of the documents that are incorporated by reference into this prospectus, other than exhibits which are specifically incorporated by reference into such documents. Requests should be directed to the Investor Relations Department at Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River Road, Tarrytown, New York 10591 or by calling us at 914-345-7400.

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and the documents incorporated by reference herein include forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (the Securities Act) and Section 21E of the Exchange Act. Some of the forward-looking statements can be identified by the use of forward-looking words including, but not limited to, believes, expects, may, will, should, seeks, approximates, intends, plans, estimates or anticipates or the negative of those words or other comparable terminology. Forward-looking statements involve inherent risks and uncertainties. A number of important factors could cause actual results to differ materially from those in the forward-looking statements. These factors include, but are not limited to:

our anticipated business strategies;

our ongoing and anticipated clinical trials;

our intention to introduce new product candidates;

our ability to conduct clinical trials and obtain regulatory approval of our product candidates;

our relationships with collaborators;

anticipated trends in our businesses; and

future capital expenditures.

You should not place undue reliance on any such forward-looking statements. Except to the extent required by federal securities laws, we do not intend to update forward-looking information or to release the results of any future revisions we may make to forward-looking statements to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events.

Table of Contents

REGENERON PHARMACEUTICALS, INC.

Regeneron Pharmaceuticals, Inc. is a biopharmaceutical company that discovers, develops, and intends to commercialize pharmaceutical products for the treatment of serious medical conditions. Our clinical and preclinical pipeline includes product candidates for the treatment of cancer, diseases of the eye, rheumatoid arthritis and other inflammatory conditions, allergies, asthma, obesity, and other diseases and disorders. Developing and commercializing new medicines entails significant risk and expense. Since inception we have not generated any sales or profits from the commercialization of any of our product candidates.

Our clinical candidates, as of September 30, 2004, include the VEGF Trap, interleukin-1 Trap (IL-1 Trap), interleukin-4/interleukin-13 Trap (IL-4/13 Trap), and AXOKINE®. The VEGF Trap is a protein-based product candidate designed to bind Vascular Endothelial Growth Factor (called VEGF, also known as Vascular Permeability Factor or VPF) and the related Placental Growth Factor (called PlGF), and prevent their interaction with cell surface receptors. VEGF (and to a less validated degree, PlGF) is required for the growth of new blood vessels that are needed for tumors to grow and is a potent regulator of vascular permeability and leakage. The IL-1 Trap is a protein-based product candidate designed to bind the interleukin-1 (called IL-1) cytokine and prevent its interaction with cell surface receptors. IL-1 is thought to play an important role in rheumatoid arthritis and other inflammatory diseases. The IL-4/13 Trap is a protein-based product candidate designed to bind both the interleukin-4 and interleukin-13 (called IL-4 and IL-13) cytokines and prevent their interaction with cell surface receptors. IL-4 and IL-13 are thought to play a major role in diseases such as asthma, allergic disorders, and other inflammatory diseases. AXOKINE is a protein-based product candidate designed to act on the brain region regulating appetite and energy expenditure. AXOKINE is being developed for the treatment of obesity.

Our core business strategy is to combine our strong foundation in basic scientific research and discovery-enabling technology with our manufacturing and clinical development capabilities to build a successful, integrated biopharmaceutical company. Our efforts have yielded a diverse and growing pipeline of product candidates that have the potential to address a variety of serious medical conditions. We believe that our ability to develop product candidates is enhanced by the application of our technology platforms. These platforms are designed to discover specific genes of therapeutic interest for a particular disease or cell type and validate targets through high-throughput production of mammalian models. We continue to invest in the development of enabling technologies to assist in our efforts to identify, develop, and commercialize new product candidates. Our web address is www.regeneron.com. You should not consider the information on our website to be a part of this prospectus.

Table of Contents

RISK FACTORS

We operate in an environment that involves a number of significant risks and uncertainties. We caution you to read the following risk factors, which have affected, and/or in the future could affect, our business, operating results, financial condition, and cash flows. The risks described below include forward-looking statements, and our actual results may differ substantially from those discussed in these forward-looking statements. Additional risks and uncertainties not currently known to us or that we currently deem immaterial may also impair our business operations. Furthermore, additional risks and uncertainties are included in our most recent annual and quarterly report filings with the SEC and other documents incorporated herein by reference and should be considered by our investors.

Risks Related to Our Financial Results and Need for Additional Financing

We have had a history of operating losses and we may never achieve profitability. If we continue to incur operating losses, we may be unable to continue our operations.

From inception on January 8, 1988 through September 30, 2004, we had a cumulative loss of \$492.6 million. If we continue to incur operating losses and fail to become a profitable company, we may be unable to continue our operations. We have no products that are available for sale and do not know when we will have products available for sale, if ever. In the absence of revenue from the sale of products or other sources, the amount, timing, nature or source of which cannot be predicted, our losses will continue as we conduct our research and development activities. We currently receive contract manufacturing revenue from our agreement with Merck & Co., Inc. and contract research and development revenue from our agreements with The Procter & Gamble Company and Serono International S.A. All three of these agreements are scheduled to expire, unless extended by mutual agreement, before the end of 2005. We can provide no assurance that all or any of these agreements will be extended. Failure to extend these agreements may negatively impact our business, financial condition or results of operations.

We will need additional funding in the future, which may not be available to us, and which may force us to delay, reduce or eliminate our product development programs or commercialization efforts.

We will need to expend substantial resources for research and development, including costs associated with clinical testing of our product candidates. We believe our existing capital resources will enable us to meet operating needs through at least the end of 2006; however, our projected revenue may decrease or our expenses may increase and that would lead to our capital being consumed significantly before such time. We will likely require additional financing in the future and we may not be able to raise such additional funds. If we are able to obtain additional financing through the sale of equity or convertible debt securities, such sales may be dilutive to our shareholders. Debt financing arrangements may require us to pledge certain assets or enter into covenants that would restrict certain business activities or our ability to incur further indebtedness and may contain other terms that are not favorable to our shareholders. If we are unable to raise sufficient funds to complete the development of our product candidates, we may face delay, reduction or elimination of our research and development programs or preclinical or clinical trials, in which case our business, financial condition or results of operations may be materially harmed.

We have a significant amount of debt and may have insufficient cash to satisfy our debt service and repayment obligations. In addition, the amount of our debt could impede our operations and flexibility.

We have a significant amount of convertible debt and semi-annual interest payment obligations. This debt, unless converted to shares of our common stock, will mature in October 2008. We may be unable to generate sufficient cash flow or otherwise obtain funds necessary to make required payments on our debt. Even if we are able to meet our debt service obligations, the amount of debt we already have could hurt our ability to obtain any necessary financing in the future for working capital, capital expenditures, debt service requirements or other purposes. In addition, our debt obligations could require us to use a substantial portion of cash to pay principal and interest on our debt, instead of applying those funds to other purposes, such as research and development, working capital, and capital expenditures.

Table of Contents

Risks Related to Development of Our Product Candidates

Successful development of any of our product candidates is highly uncertain.

Only a small minority of all research and development programs ultimately result in commercially successful drugs. We have never developed a drug that has been approved for marketing and sale, and we may never succeed in developing an approved drug. Even if clinical trials demonstrate safety and effectiveness of any of our product candidates for a specific disease and the necessary regulatory approvals are obtained, the commercial success of any of our product candidates will depend upon their acceptance by patients, the medical community, and third-party payors and on our and our partners' ability to successfully manufacture and commercialize our product candidates. Our product candidates are delivered either by intravenous or subcutaneous injections, which are generally less well received by patients than tablet or capsule delivery. If our products are not successfully commercialized, we will not be able to recover the significant investment we have made in developing such products and our business would be severely harmed.

Clinical trials required for our product candidates are expensive and time-consuming, and their outcome is highly uncertain. If any of our drug trials are delayed or achieve unfavorable results, we will have to delay or may be unable to obtain regulatory approval for our product candidates.

We must conduct extensive testing of our product candidates before we can obtain regulatory approval to market and sell them. We need to conduct both preclinical animal testing and human clinical trials. Conducting these trials is a lengthy, time-consuming, and expensive process. These tests and trials may not achieve favorable results for many reasons, including, among others, failure of the product candidate to demonstrate safety or efficacy, the development of serious or life-threatening adverse events (or side effects) caused by or connected with exposure to the product candidate, difficulty in enrolling and maintaining subjects in the clinical trial, lack of sufficient supplies of the product candidate, and the failure of clinical investigators, trial monitors and other consultants, or trial subjects to comply with the trial plan or protocol. A clinical trial may also fail because it did not include a sufficient number of patients to detect the endpoint being measured or reach statistical significance. For example, the trials studying the maintenance of weight loss following short-term treatment regimens with AXOKINE did not enroll a sufficient number of patients to detect statistically significant differences between patients treated with AXOKINE and those taking placebo. These trials were designed before we had access to the data from the completed pivotal phase 3 AXOKINE trial, which demonstrated that the magnitude of the average difference in weight loss observed between all AXOKINE-treated subjects and those taking placebo was small.

We will need to reevaluate any drug candidate that does not test favorably and either conduct new trials, which are expensive and time consuming, or abandon the drug development program. Even if we obtain positive results from preclinical or clinical trials, we may not achieve the same success in future trials. Many companies in the biopharmaceutical industry, including us, have suffered significant setbacks in clinical trials, even after promising results have been obtained in earlier trials. The failure of clinical trials to demonstrate safety and effectiveness for our desired indications could harm the development of the product candidate, and our business, financial condition, and results of operations may be materially harmed.

The development of serious or life-threatening side effects with any of our product candidates would lead to delay or discontinuation of development, which could severely harm our business.

During the conduct of clinical trials, patients report changes in their health, including illnesses, injuries, and discomforts, to their study doctor. Often, it is not possible to determine whether or not the drug candidate being studied caused these conditions. Various illnesses, injuries, and discomforts have been reported from time-to-time during clinical trials of our product candidates. Although our current drug candidates appeared to be generally well tolerated in clinical trials conducted to date, it is possible as we test any of them in larger, longer, and more extensive clinical programs, illnesses, injuries, and discomforts that were observed in earlier trials, as well as conditions that did not occur or went undetected in smaller previous trials, will be reported by patients. If additional clinical experience indicates that any of our product candidates has many side effects or

Table of Contents

causes serious or life-threatening side effects, the development of the product candidate may fail or be delayed, which would severely harm our business.

Our VEGF Trap is being studied for the potential treatment of certain types of cancer and diseases of the eye. There are many potential safety concerns associated with significant blockade of vascular endothelial growth factor, or VEGF. These safety concerns may limit our ability to successfully develop the VEGF Trap.

Genentech, Inc. and Eyetech Pharmaceuticals, Inc. are developing VEGF inhibiting molecules for certain diseases of the eye that will be delivered by direct administration to the eye. We plan to study the VEGF Trap for the potential treatment of certain diseases of the eye through intravitreal injections in the eye and are conducting trials of the VEGF Trap utilizing systemic administration through intravenous infusions or subcutaneous injections. Although we believe that there are potential clinical advantages to systemic administration over injections directly in the eye (including patient comfort and acceptance), there are unique potential risks to patients associated with the systemic blockade of VEGF by intravenous infusions or subcutaneous injections that could limit or end the VEGF Trap development program. These risks, based on the clinical and preclinical experience of systemically delivered VEGF inhibitors, include bleeding, hypertension, and proteinuria. Certain of these serious side effects and other serious side effects have been reported in our VEGF Trap studies. In addition, patients given infusions of any protein, including the VEGF Trap, may develop severe hypersensitivity reactions, referred to as infusion reactions. There may be additional complications or side effects that could harm the development of the VEGF Trap for either the treatment of cancer or diseases of the eye.

Our product candidates in development are recombinant proteins that could cause an immune response, resulting in the creation of harmful or neutralizing antibodies against the therapeutic protein.

In addition to the safety, efficacy, manufacturing, and regulatory hurdles faced by our product candidates, the administration of recombinant proteins frequently causes an immune response, resulting in the creation of antibodies against the therapeutic protein. The antibodies can have no effect or can totally neutralize the effectiveness of the protein, or require that higher doses be used to obtain a therapeutic effect. In some cases, the antibody can cross react with the patient's own proteins, resulting in an auto-immune type disease. Whether antibodies will be created can often not be predicted from preclinical or clinical experiments, and their appearance is often delayed, so that there can be no assurance that neutralizing antibodies will not be created at a later date—in some cases even after pivotal clinical trials have been completed. Approximately two-thirds of the subjects who received AXOKINE in the completed phase 3 study developed neutralizing antibodies. In addition, subjects who received the IL-1 Trap in clinical trials have developed antibodies. It is possible that as we test the VEGF Trap in different patient populations and larger clinical trials, subjects given the VEGF Trap will develop antibodies to the product candidate.

A previous phase 3 study evaluating AXOKINE demonstrated modest average weight loss over a 12-month period. In addition, a completed phase 2 study evaluating the IL-1 Trap in patients with rheumatoid arthritis failed to achieve its primary endpoint.

In March 2003, we reported data from the 12-month treatment period of our initial phase 3 pivotal trial of AXOKINE. Although the phase 3 study met its primary endpoints and individuals achieved a medically meaningful weight loss, the average weight loss was small and limited by the development of antibodies.

In October 2003, we reported results from the first phase 2 trial of our IL-1 Trap in rheumatoid arthritis. We plan to conduct a phase 2b study of the IL-1 Trap in a larger patient population, testing higher doses than were tested in the previous phase 2 trial for a longer period of time. We plan to study higher doses of the IL-1 Trap through subcutaneous injections and intravenous delivery. However, higher doses may not lead to better results than were demonstrated in the previous phase 2 trial. In addition, safety or tolerability concerns may arise which limit our ability to deliver higher doses of the IL-1 Trap to patients. The dose levels that will be tested are substantially higher than the dose levels of other biological therapeutics currently approved for the treatment of rheumatoid arthritis. Either approach may affect the safety and/or tolerability of the IL-1 Trap, which may limit its commercial potential if the product candidate is ever approved for marketing and sale.

Table of Contents

Regulatory and Litigation Risks

If we do not obtain regulatory approval for our product candidates, we will not be able to market or sell them.

We cannot sell or market products without regulatory approval. If we do not obtain and maintain regulatory approval for our product candidates, the value of our company and our results of operations will be harmed. In the United States, we must obtain and maintain approval from the United States Food and Drug Administration (FDA) for each drug we intend to sell. Obtaining FDA approval is typically a lengthy and expensive process, and approval is highly uncertain. Foreign governments also regulate drugs distributed in their country and approval in any country is likely to be a lengthy and expensive process, and approval is highly uncertain. None of our product candidates has ever received regulatory approval to be marketed and sold in the United States or any other country. We may never receive regulatory approval for any of our product candidates.

If the testing or use of our products harms people, we could be subject to costly and damaging product liability claims. We could also face costly and damaging claims arising from employment law, securities law, environmental law or other applicable laws governing our operations.

The testing, manufacturing, marketing, and sale of drugs for use in people expose us to product liability risk. We are currently involved in a product liability lawsuit brought by a subject who participated in a clinical trial of one of our drug candidates. Any informed consent or waivers obtained from people who sign up for our clinical trials may not protect us from liability or the cost of litigation. Our product liability insurance may not cover all potential liabilities or may not completely cover any liability arising from any such litigation. Moreover, we may not have access to liability insurance or be able to maintain our insurance on acceptable terms.

In May 2003, securities class action lawsuits were commenced against us and certain of our officers and directors in the United States District Court for the Southern District of New York. A consolidated amended class action complaint was filed in October 2003. The complaint, which purports to be brought on behalf of a class consisting of investors in our publicly traded securities between March 28, 2000 and March 30, 2003, alleges that the defendants misstated or omitted material information concerning the safety and efficacy of AXOKINE, in violation of Sections 10(b) and 20(a) of the Securities and Exchange Act of 1934 and Rule 10b-5 promulgated thereunder. Damages are sought in an unspecified amount. We have not established a reserve for damages because we do not believe that a loss is probable. However, if the outcome of the litigation is adverse to us, we could be subject to significant liability, which could exceed our insurance coverage.

Our operations may involve hazardous materials and are subject to environmental, health, and safety laws and regulations. We may incur substantial liability arising from our activities involving the use of hazardous materials.

As a biopharmaceutical company with significant manufacturing operations, we are subject to extensive environmental, health, and safety laws and regulations, including those governing the use of hazardous materials. Our research and development and manufacturing activities involve the controlled use of chemicals, viruses, radioactive compounds, and other hazardous materials. The cost of compliance with environmental, health, and safety regulations is substantial. If an accident involving these materials or an environmental discharge were to occur, we could be held liable for any resulting damages, or face regulatory actions, which could exceed our resources or insurance coverage.

Table of Contents

Risks Related to Our Dependence on Third Parties

On February 27, 2004, Novartis Pharma AG provided notice to us that they would not participate in the continued development and commercialization of the IL-1 Trap under our collaboration agreement. This may harm our ability to develop and commercialize the IL-1 Trap.

We relied heavily on Novartis to provide their expertise, resources, funding, manufacturing capacity, clinical expertise, and commercial infrastructure to support the IL-1 Trap program. Novartis' decision to withdraw from participating in the development and commercialization of the IL-1 Trap may delay or disrupt the IL-1 Trap program. We do not have the resources and skills to replace those of Novartis, which could result in significant delays in the development and potential commercialization of the IL-1 Trap. In addition, we will have to fund the development and commercialization of the IL-1 Trap without Novartis' long-term commitment, which will require substantially greater expenditures on our part.

If our collaboration with Aventis Pharmaceuticals, Inc. for the VEGF Trap is terminated, our business operations and our ability to develop, manufacture, and commercialize the VEGF Trap in the time expected, or at all, would be harmed.

We rely heavily on Aventis to assist with the development of the VEGF Trap. If the VEGF Trap program continues, we will rely on Aventis to assist with funding the VEGF Trap program, providing commercial manufacturing capacity, enrolling and monitoring clinical trials, obtaining regulatory approval, particularly outside the United States, and providing sales and marketing support. While we cannot assure you that the VEGF Trap will ever be successfully developed and commercialized, if Aventis does not perform its obligations in a timely manner, or at all, our ability to develop, manufacture, and commercialize the VEGF Trap will be significantly adversely affected. Aventis has the right to terminate its collaboration agreement with us at any time. If Aventis were to terminate its collaboration agreement with us, we might not have the resources or skills to replace those of our partner, which could cause significant delays in the development and/or manufacture of the VEGF Trap and result in substantial additional costs to us. We have no sales, marketing or distribution capabilities and would have to develop or outsource these capabilities. Termination of the Aventis collaboration agreement would create new and additional risks to the successful development of the VEGF Trap.

Sanofi-Synthelabo recently acquired Aventis, forming the sanofi-aventis Group. At present, it is unclear what impact, if any, this business combination will have on the VEGF Trap collaboration, including the possibility of a termination of the collaboration agreement and a delay in, or disruption to, the VEGF Trap development program.

Our collaborators and service providers may fail to perform adequately in their efforts to support the development, manufacture, and commercialization of our drug candidates.

We depend upon third-party collaborators, including Aventis and service providers such as clinical research organizations, outside testing laboratories, clinical investigator sites, and third party manufacturers and product packagers and labelers, to assist us in the development of our product candidates. If any of our existing collaborators or service providers breaches or terminates its agreement with us or does not perform its development or manufacturing services under an agreement in a timely manner or at all, we would experience additional costs, delays, and difficulties in the development or ultimate commercialization of our product candidates.

Risks Related to the Manufacture of Our Product Candidates

We have limited manufacturing capacity, which could inhibit our ability to successfully develop or commercialize our drugs.

Before approving a new drug or biologic product, the FDA requires that the facilities at which the product will be manufactured be in compliance with current good manufacturing practices, or cGMP requirements. Manufacturing product candidates in compliance with these regulatory requirements is complex, time-

Table of Contents

consuming, and expensive. To be successful, our products must be manufactured for development, following approval, in commercial quantities, in compliance with regulatory requirements, and at competitive costs. If we or any of our product collaborators or third-party manufacturers, fillers or labelers are unable to maintain regulatory compliance, the FDA can impose regulatory sanctions, including, among other things, refusal to approve a pending application for a new drug or biologic product, or revocation of a pre-existing approval. As a result, our business, financial condition, and results of operations may be materially harmed.

Our manufacturing facility is likely to be inadequate to produce sufficient quantities of product for commercial sale. We intend to rely on our corporate collaborators, as well as contract manufacturers, to produce the large quantities of drug material needed for commercialization of our products. We rely entirely on third party manufacturers for filling and finishing services. We will have to depend on these manufacturers to deliver material on a timely basis and to comply with regulatory requirements. If we are unable to supply sufficient material on acceptable terms, or if we should encounter delays or difficulties in our relationships with our corporate collaborators or contract manufacturers, our business, financial condition, and results of operations may be materially harmed.

We may expand our own manufacturing capacity to support commercial production of active pharmaceutical ingredients, or API, for our product candidates. This will require substantial additional funds, and we will need to hire and train significant numbers of employees and managerial personnel to staff our facility. Start-up costs can be large and scale-up entails significant risks related to process development and manufacturing yields. We may be unable to develop manufacturing facilities that are sufficient to produce drug material for clinical trials or commercial use. In addition, we may be unable to secure adequate filling and finishing services to support our products. As a result, our business, financial condition, and results of operations may be materially harmed.

We may be unable to obtain key raw materials and supplies for the manufacture of our product candidates. In addition, we may face difficulties in developing or acquiring production technology and managerial personnel to manufacture sufficient quantities of our product candidates at reasonable costs and in compliance with applicable quality assurance and environmental regulations and governmental permitting requirements.

If any of our clinical programs are discontinued, we may face costs related to the unused capacity at our manufacturing facilities.

We maintain an 8,000 square foot manufacturing facility in Tarrytown, New York and have large-scale manufacturing operations in Rensselaer, New York. Under a long-term manufacturing agreement with Merck, which expires in October 2005 unless extended by mutual agreement, we produce an intermediate for a Merck pediatric vaccine at our facility in Rensselaer, New York. We also use our facilities to produce API for our own clinical and preclinical candidates. If we no longer use our facilities to manufacture the Merck intermediate or clinical candidates are discontinued, we would have to absorb overhead costs and inefficiencies.

Certain of our raw materials are single-sourced from third parties; third-party supply failures could adversely affect our ability to supply our products.

Certain raw materials necessary for manufacturing and formulation of our product candidates are provided by single-source unaffiliated third-party suppliers. We would be unable to obtain these raw materials for an indeterminate period of time if these third-party single-source suppliers were to cease or interrupt production or otherwise fail to supply these materials or products to us for any reason, including due to regulatory requirements or action, due to adverse financial developments at or affecting the supplier or due to labor shortages or disputes. This, in turn, could materially and adversely affect our ability to manufacture our product candidates for use in clinical trials, which could materially and adversely affect our operating results.

Also, certain of the raw materials required in the manufacturing and the formulation of our clinical candidates may be derived from biological sources, including mammalian tissues, bovine serum, and human serum albumin. There are certain European regulatory restrictions on using these biological source materials.

Table of Contents

If we are required to substitute these sources to comply with European regulatory requirements, our clinical development activities may be delayed or interrupted.

Risks Related to Commercialization of Products

If we are unable to establish sales, marketing, and distribution capabilities, or enter into agreements with third parties to do so, we will be unable to successfully market and sell future products.

We have no sales or distribution personnel or capabilities and have only a small staff with marketing capabilities. If we are unable to obtain those capabilities, either by developing our own organizations or entering into agreements with service providers, we will not be able to successfully sell any products that we may bring to market in the future. In that event, we will not be able to generate significant revenue, even if our product candidates are approved. We cannot guarantee that we will be able to hire the qualified sales and marketing personnel we need or that we will be able to enter into marketing or distribution agreements with third-party providers on acceptable terms, if at all. Under the terms of our collaboration agreement with Aventis, we currently rely on Aventis for sales, marketing, and distribution of the VEGF Trap, should it be approved in the future by regulatory authorities for marketing. We will have to rely on a third party or devote significant resources to develop our own sales, marketing, and distribution capabilities for our other product candidates, and we may be unsuccessful in developing our own sales, marketing, and distribution organization.

We may be unable to formulate or manufacture our product candidates in a way that is suitable for clinical or commercial use.

Changes in product formulations and manufacturing processes may be required as product candidates progress in clinical development and are ultimately commercialized. If we are unable to develop suitable product formulations or manufacturing processes to support large scale clinical testing of our product candidates, including the VEGF Trap, IL-1 Trap, IL-4/13 Trap, and AXOKINE, we may be unable to supply necessary materials for our clinical trials, which would delay the development of our product candidates. Similarly, if we are unable to supply sufficient quantities of our product or develop product formulations suitable for commercial use, we will not be able to successfully commercialize our product candidates. For example, we are in the process of developing formulations that would allow delivery of higher doses of the IL-1 Trap to test in clinical trials. The dose levels that will be tested are substantially higher than the dose levels of other biological therapeutics currently approved for treatment of rheumatoid arthritis. Separate new formulations will be used for subcutaneous and intravenous administration of the higher dose therapeutic. If we are unable to develop or manufacture such a higher dose formulation that can be produced in a cost-effective manner, potential future IL-1 Trap sales and profitability may be limited.

Even if our product candidates are ever approved, their commercial success is highly uncertain because our competitors may get to the marketplace before we do with better or lower cost drugs.

There is substantial competition in the biotechnology and pharmaceutical industries from pharmaceutical, biotechnology, and chemical companies. Many of our competitors have substantially greater research, preclinical and clinical product development and manufacturing capabilities, and financial, marketing, and human resources than we do. Our smaller competitors may also enhance their competitive position if they acquire or discover patentable inventions, form collaborative arrangements or merge with large pharmaceutical companies. Even if we achieve product commercialization, our competitors have achieved, and may continue to achieve, product commercialization before our products are approved for marketing and sale. Genentech has an approved VEGF antagonist on the market and many different pharmaceutical and biotechnology companies are working to develop competing VEGF antagonists, including Novartis, Eyetech Pharmaceuticals, and Pfizer Inc. Many of these molecules are farther along in development than the VEGF Trap and may offer competitive advantages over our molecule. The marketing approval for Genentech's VEGF antagonist, Avastin[®], may make it more difficult for us to enroll patients in clinical trials to support the VEGF Trap. This may delay or impair our ability to successfully develop and commercialize the VEGF Trap.

Table of Contents

The markets for both rheumatoid arthritis and asthma are both very competitive. Several highly successful medicines are available for these diseases. Examples include the TNF-antagonists Enbrel® (a registered trademark of Amgen Inc.), Remicade® (a registered trademark of Centocor Inc.), and Humira® (a registered trademark of Abbott Laboratories) for rheumatoid arthritis, and the leukotriene-modifier Singulair® (a registered trademark of Merck), as well as various inexpensive corticosteroid medicines for asthma. The availability of highly effective FDA approved TNF-antagonists makes it more difficult to successfully develop the IL-1 Trap for the treatment of rheumatoid arthritis, since it will be difficult to enroll patients with rheumatoid arthritis to participate in clinical trials of the IL-1 Trap. This may delay or impair our ability to successfully develop the drug candidate. In addition, even if the IL-1 Trap is ever approved for sale, it will be difficult for our drug to compete against these FDA approved TNF-antagonists because doctors and patients will have significant experience using these effective medicines. Moreover, these approved therapeutics may offer competitive advantages over the IL-1 Trap, such as requiring fewer injections. In addition, there are both small molecules and antibodies in development by third parties that are designed to block the synthesis of interleukin-1 or inhibit the signaling of interleukin-1. These drug candidates could offer competitive advantages over the IL-1 Trap. The successful development of these competing molecules could delay or impair our ability to successfully develop and commercialize the IL-1 Trap.

There is also substantial competition in the discovery and development of treatments for obesity, as well as established, cost-effective, and emerging surgical, prescription, and over-the-counter treatments for the disease that may offer competitive advantages over AXOKINE. AXOKINE is available only in injectable form, while the currently available marketed medicines for the treatment of obesity, and a late-stage product candidate in development by sanofi-aventis Group, are delivered in pill form, which is generally favored over injectable medicines. Therefore, even if AXOKINE is approved for sale, the fact that it must be delivered by injection may severely limit its market acceptance among patients and physicians.

The successful commercialization of our product candidates will depend on obtaining coverage and reimbursement for use of these products from third-party payors.

Sales of biopharmaceutical products largely depend on the reimbursement of patients' medical expenses by government health care programs and private health insurers. Without the financial support of the governments or third-party payors, the market for any biopharmaceutical product will be limited. These third-party payors increasingly challenge the price and examine the cost-effectiveness of products and services. Significant uncertainty exists as to the reimbursement status of any new therapeutic, particularly if there exist lower-cost standards of care. Third-party payors may not reimburse sales of our products, which would harm our business.

Risk Related to Employees

We are dependent on our key personnel and if we cannot recruit and retain leaders in our research, development, manufacturing, and commercial organizations, our business will be harmed.

We are highly dependent on our executive officers. If we are not able to retain any of these persons or our Chairman, our business may suffer. In particular, we depend on the services of Roy Vagelos, M.D., the Chairman of our Board of Directors, Leonard Schleifer, M.D., Ph.D., our President and Chief Executive Officer, and George D. Yancopoulos, M.D., Ph.D., our Executive Vice President, Chief Scientific Officer and President, Regeneron Research Laboratories. There is intense competition in the biotechnology industry for qualified scientists and managerial personnel in the development, manufacture, and commercialization of drugs. We may not be able to continue to attract and retain the qualified personnel necessary for developing our business.

Table of Contents

Risks Related to Intellectual Property

If we cannot protect the confidentiality of our trade secrets or our patents are insufficient to protect our proprietary rights, our business and competitive position will be harmed.

Our business requires using sensitive and proprietary technology and other information that we protect as trade secrets. We seek to prevent improper disclosure of these trade secrets through confidentiality agreements. If our trade secrets are improperly exposed, either by our own employees or our collaborators, it would help our competitors and adversely affect our business. We will be able to protect our proprietary rights from unauthorized use by third parties only to the extent that our rights are covered by valid and enforceable patents or are effectively maintained as trade secrets. The patent position of biotechnology companies involves complex legal and factual questions and, therefore, enforceability cannot be predicted with certainty. Our patents may be challenged, invalidated or circumvented. Patent applications filed outside the United States may be challenged by third parties who file an opposition. Such opposition proceedings are increasingly common in the European Union and are costly to defend. We have patent applications that are being opposed and it is likely that we will need to defend additional patent applications in the future. Our patent rights may not provide us with a proprietary position or competitive advantages against competitors. Furthermore, even if the outcome is favorable to us, the enforcement of our intellectual property rights can be expensive and time consuming.

We may be restricted in our development and/or commercialization activities by third party patents.

Our commercial success depends significantly on our ability to operate without infringing the patents and other proprietary rights of third parties. Other parties may allege that they have blocking patents to our Trap products in clinical development, either because they claim to hold proprietary rights to fusion proteins or proprietary rights to components of the Trap or the way it is manufactured. We are aware of certain United States and foreign patents relating to particular IL-4 and IL-13 receptors. Our IL-4/13 Trap includes portions of the IL-4 and IL-13 receptors. In addition, we are aware of a broad patent held by Genentech relating to proteins fused to certain immunoglobulin domains. Our Trap product candidates include proteins fused to immunoglobulin domains. Although we do not believe that we are infringing valid and enforceable third party patents, the holders of these patents may sue us for infringement and a court may find that we are infringing one or more validly issued patents, which may materially harm our business.

Any patent holders could sue us for damages and seek to prevent us from manufacturing, selling or developing our drug candidates, and a court may find that we are infringing validly issued patents of third parties. In the event that the manufacture, use or sale of any of our clinical candidates infringes on the patents or violates other proprietary rights of third parties, we may be prevented from pursuing product development, manufacturing, and commercialization of our drugs and may be required to pay costly damages. Such a result may materially harm our business, financial condition, and results of operations. Legal disputes are likely to be costly and time consuming to defend.

We seek to obtain licenses to patents when, in our judgment, such licenses are needed. If any licenses are required, we may not be able to obtain such licenses on commercially reasonable terms, if at all. The failure to obtain any such license could prevent us from developing or commercializing any one or more of our product candidates, which could severely harm our business.

Risks Related to Our Common Stock

Our stock price may be extremely volatile.

There has been significant volatility in our stock price and generally in the market prices of biotechnology companies' securities. Various factors and events may have a significant impact on the market price of our common stock. These factors include, by way of example:

progress, delays or adverse results in clinical trials;

announcement of technological innovations or product candidates by us or competitors;

Table of Contents

fluctuations in our operating results;

public concern as to the safety or effectiveness of our product candidates;

developments in our relationship with collaborative partners;

developments in the biotechnology industry or in government regulation of healthcare;

large sales of our common stock by our executive officers, directors or significant shareholders;

arrivals and departures of key personnel; and

general market conditions.

The trading price of our common stock has been, and could continue to be, subject to wide fluctuations in response to these and other factors, including the sale or attempted sale of a large amount of our common stock in the market. Broad market fluctuations may also adversely affect the market price of our common stock.

Future sales of our common stock by our significant shareholders or us may depress our stock price and impair our ability to raise funds in new share offerings.

A small number of our shareholders beneficially own a substantial amount of our common stock. As of December 6, 2004, our six largest shareholders, which include Aventis and Novartis, beneficially owned 47.5% of our outstanding common shares, assuming, in the case of Leonard S. Schleifer, M.D., Ph.D, our chief executive officer, the exercise of all options held by him which are exercisable within 60 days of December 6, 2004. As of that date, Novartis owned 7,527,050 shares of common stock, representing approximately 13.5% of the common shares then outstanding. Under our registration rights agreement with Novartis, these shares of common stock may generally not be sold or otherwise transferred by Novartis until after March 28, 2005. As described under the caption "Registration Rights of One of Our Shareholders" found on page 15 of this prospectus, commencing after March 28, 2005, Novartis has certain registration rights with respect to these shares. As of December 6, 2004, Aventis owned 2,799,522 shares of common stock, representing approximately 5.0% of the common shares then outstanding. Under our stock purchase agreement with Aventis, these shares may generally not be sold or otherwise transferred until after September 5, 2005, and for one year after that date, Aventis may sell no more than 250,000 shares in any calendar quarter. After September 5, 2006, Aventis may sell no more than 500,000 shares in any calendar quarter. Accordingly, in 2005 and thereafter, as the restrictions on transfer applicable to the shares of common stock owned by Novartis and Aventis expire, these shares will be freely tradeable in the public market, subject, in the case of Aventis, to the foregoing continuing contractual sales volume restrictions. If Novartis or Aventis, or our other significant shareholders or we, sell substantial amounts of our common stock in the public market, or the perception that such sales may occur exists, the market price of our common stock could fall. Sales by our significant shareholders, including Aventis and Novartis, also might make it more difficult for us to raise funds by selling equity or equity-related securities in the future at a time and price that we deem appropriate.

Our existing shareholders may be able to exert significant influence over matters requiring shareholder approval.

Holders of Class A stock, who are the shareholders who purchased their stock from us before our initial public offering, are entitled to ten votes per share, while holders of common stock are entitled to one vote per share. As of December 6, 2004, holders of Class A stock held 4.2% of all shares of common stock and Class A stock then outstanding, and had 30.6% of the combined voting power of all common shares. These shareholders, if acting together, would be in a position to significantly influence the election of our directors and to effect or prevent certain corporate transactions that require majority or supermajority approval of the combined classes, including mergers and other business combinations. This may result in our company taking

Table of Contents

corporate actions that you may not consider to be in your best interest and may affect the price of our common stock. As of December 6, 2004:

our current officers and directors beneficially owned 14.8% of our outstanding common shares and 34.3% of the combined voting power of our common shares, assuming the exercise of all options held by such persons which are exercisable within 60 days of December 6, 2004; and

our six largest shareholders beneficially owned 47.5% of our outstanding common shares and 54.5% of the combined voting power of our common shares, assuming, in the case of Leonard S. Schleifer, M.D., Ph.D, our chief executive officer, the exercise of all options held by him which are exercisable within 60 days of December 6, 2004.

The anti-takeover effects of provisions of our charter, by-laws and our rights agreement, and of New York corporate law, could deter, delay or prevent an acquisition or other change in control of us and could adversely affect the price of our common stock.

Our amended and restated certificate of incorporation, our by-laws, our rights agreement and the New York Business Corporation Law contain various provisions that could have the effect of delaying or preventing a change in control of our company or our management that shareholders may consider favorable or beneficial. Some of these provisions could discourage proxy contests and make it more difficult for you and other shareholders to elect directors and take other corporate actions. These provisions could also limit the price that investors might be willing to pay in the future for shares of our common stock. These provisions include:

authorization to issue blank check preferred stock, which is preferred stock that can be created and issued by the board of directors without prior shareholder approval, with rights senior to those of our common shareholders;

a staggered board of directors, so that it would take three successive annual meetings to replace all of our directors;

a requirement that removal of directors may only be effected for cause and only upon the affirmative vote of at least eighty percent (80%) of the outstanding shares entitled to vote for directors, as well as a requirement that any vacancy on the board of directors may be filled only by the remaining directors;

any action required or permitted to be taken at any meeting of shareholders may be taken without a meeting, only if, prior to such action, all of our shareholders consent, the effect of which is to require that shareholder action may only be taken at a duly convened meeting;

any shareholder seeking to bring business before an annual meeting of shareholders must provide timely notice of this intention in writing and meet various other requirements; and

under the New York Business Corporation Law, a plan of merger or consolidation of the Company must be approved by 2/3 of the votes of all outstanding shares entitled to vote thereon. See the risk factor immediately above captioned *Our existing shareholders may be able to exert significant influence over matters requiring shareholder approval.*

In addition, we have a shareholder rights plan which could make it more difficult for a third party to acquire us without the support of our board of directors and principal shareholders. See Description of Capital Stock-Rights Plan. In addition, many of our stock options issued under our 2000 Long-Term Incentive Plan may become fully vested in connection with a change in control of the Company, as defined in the plan.

Table of Contents**USE OF PROCEEDS**

Unless otherwise stated in the applicable prospectus supplement, we intend to use the net proceeds of any securities sold by us to fund pre-clinical and clinical development of our product candidates, to fund basic research activities, to continue development of our technology platforms, for capital expenditures, to redeem, repay or purchase our 5 1/2% convertible senior subordinated notes due October 17, 2008, and for general corporate purposes, including working capital, acquisitions, and other business opportunities.

**RATIO OF EARNINGS TO COMBINED FIXED CHARGES AND
PREFERRED STOCK DIVIDENDS**

The following table sets forth our ratio of earnings to combined fixed charges and preferred stock dividends, if any, for the periods presented. We had no preferred stock outstanding for any of these periods.

	Year Ended December 31,					Nine Months Ended September 30,
	1999	2000	2001	2002	2003	2004
Ratio of earnings to combined fixed charges	(A)	(A)	(A)	(A)	(A)	4.43

(A) Due to our losses in the years ended December 31, 1999, 2000, 2001, 2002, and 2003, the ratio coverage was less than 1:1 for those periods. We would have needed to generate additional earnings of \$18.9 million, \$17.1 million, \$75.2 million, \$124.6 million, and \$107.6 million, for the years ended December 31, 1999, 2000, 2001, 2002, and 2003, respectively, to have achieved a coverage of 1:1.

For purposes of computing these ratios, earnings represents net income (loss) before income taxes plus fixed charges. Combined fixed charges represent interest expense capitalized interest, amortization of deferred financing costs, and such portion of rental expense, deemed representative of the interest factor. The denominator is increased for preferred stock dividend requirements, if any, which represent the amount of pre-tax earnings required to cover such dividend requirements.

DESCRIPTION OF SECURITIES

This prospectus contains a summary of our common stock and Class A stock, preferred stock, debt securities, and warrants to purchase common stock, preferred stock, and debt securities. These summaries are not meant to be a complete description of each security. The particular terms of any security to be issued pursuant hereto will be set forth in a related prospectus supplement. This prospectus and the accompanying prospectus supplement will contain the material terms and conditions for each security.

DESCRIPTION OF CAPITAL STOCK

Our authorized capital stock consists of 160,000,000 shares of common stock, par value \$0.001 per share, 40,000,000 shares of Class A stock, par value \$0.001 per share, and 30,000,000 shares of preferred stock, par value \$0.01 per share. As of December 6, 2004, 53,384,650 shares of our common stock were outstanding and held by 621 shareholders of record and 2,358,373 shares of our Class A stock were outstanding and held by 56 shareholders of record. The following is a summary description of our capital stock. For more information, see our Restated Certificate of Incorporation dated June 21, 1991 and the amendments thereto.

Common Stock and Class A Stock

Edgar Filing: REGENERON PHARMACEUTICALS INC - Form S-3

General. The rights of holders of common stock and holders of Class A stock are identical except for voting rights, conversion rights, and restrictions on transferability.

Voting Rights. The holders of Class A stock are entitled to ten votes per share and the holders of common stock are entitled to one vote per share. Except as otherwise expressly provided by law, and subject to any voting rights provided to holders of preferred stock, holders of common shares have exclusive voting rights on all matters requiring a vote of shareholders. Except as provided by law, the holders of Class A stock and the holders of shares of common stock will vote together as a single class on all matters presented to the

Table of Contents

shareholders for their vote or approval, including the election of directors. Shareholders are not entitled to vote cumulatively for the election of directors and no class of outstanding common shares acting alone is entitled to elect any directors.

Transfer Restrictions. Class A stock is subject to certain limitations on transfer that do not apply to the common stock.

Dividends and Liquidation. Except as described in this paragraph, holders of Class A stock and holders of our common stock have an equal right to receive dividends when and if declared by our board of directors out of funds legally available therefor. If a dividend or distribution payable in Class A stock is made on the Class A stock, we must also make a pro rata and simultaneous dividend or distribution on the common stock payable in shares of common stock. Conversely, if a dividend or distribution payable in common stock is made on the common stock, we must also make a pro rata and simultaneous dividend or distribution on the Class A stock payable in shares of Class A stock. In the event of our liquidation, dissolution or winding up, holders of the shares of Class A stock and common stock are entitled to share equally, share-for-share, in the assets available for distribution after payment of all creditors and the liquidation preferences of our preferred stock.

Optional Conversion Rights. Each share of Class A stock may, at any time and at the option of the holder, be converted into one fully paid and nonassessable share of common stock. Upon conversion, such shares of common stock would not be subject to restrictions on transfer that applied to the shares of Class A stock prior to conversion except to the extent such restrictions are imposed under applicable securities laws. The shares of common stock are not convertible into or exchangeable for shares of Class A stock or any other of our shares or securities.

Other Provisions. Holders of Class A stock and common stock have no preemptive rights to subscribe for any additional securities of any class which we may issue and there are no redemption provisions or sinking fund provisions applicable to either such class, nor are our shares of Class A stock or the common stock subject to calls or assessments.

Nasdaq National Market Listing. Our common stock is quoted on the Nasdaq National Market. The current rules of the National Association of Securities Dealers, Inc. (the "NASD") effectively preclude the trading or quotation through the Nasdaq National Market of any securities of an issuer which has issued securities or taken other corporate action that would have the effect of nullifying, restricting or disparately reducing the per share voting of an outstanding class or classes of equity securities registered under section 12 of the Exchange Act. Certain national securities exchanges have adopted similar rules or policies. We do not intend to issue any additional shares of any stock that would make it ineligible for inclusion on the Nasdaq National Market or any national securities exchange. However, if we issue additional stock that causes us to become ineligible for continued inclusion on the Nasdaq National Market, then the ineligibility would be likely to materially reduce the liquidity of an investment in our common stock and would likely depress the market value of our common stock below that which would otherwise prevail.

Transfer Agent and Registrar. The transfer agent and registrar for our common stock is American Stock Transfer & Trust Company.

Preferred Stock

Our Restated Certificate of Incorporation allows us to issue up to 30,000,000 shares of preferred stock in one or more series and as may be determined by our board of directors who may establish from time to time the number of shares to be included in each such series, to fix the designation, powers, preference, and rights of the shares of each such series and any qualifications, limitations or restrictions thereof and to increase or decrease the number of shares of any such series without any further vote or action by the shareholders. Our board of directors may authorize, without shareholder approval, the issuance of preferred stock with voting and conversion rights that could adversely affect the voting power and other rights of holders of our common stock. Preferred stock could thus be issued quickly with terms designed to delay or prevent a change in control or to make the removal of management more difficult. In certain circumstances, this could have the effect of decreasing the market price of our common stock.

Table of Contents

Registration Rights of One of Our Shareholders

One of our shareholders has registration rights. Under the registration rights agreement between us and such shareholder, after March 28, 2005, such shareholder (and certain of its transferees) may request that we file a registration statement under the Securities Act and, upon such request and subject to minimum size and other conditions, we will be required to use our best efforts to effect any such registration. We are not required to effect more than four such registrations. We are generally obligated to bear the expenses, other than underwriting discounts and sales commissions, of all of these registrations.

Rights Plan

General. In September 1996, we adopted a shareholder rights plan. Our rights agreement provides that each of our common shares will have attached to it one right which, when exercisable, entitles the registered holder upon exercise to purchase a unit consisting of one one-thousandth of a share of Series A junior participating preferred stock, par value \$.01 per share, at an initial purchase price of \$120 per unit, subject to customary antidilution adjustments. For a description of the terms of our Series A junior participating preferred stock, see *Series A Junior Participating Preferred Stock* below. Holders of rights will have no rights as shareholders, including the right to vote or receive dividends, simply by virtue of holding the rights.

Exercisability of Rights. The rights will not become exercisable until the earlier of:

ten days following a public announcement that a person or group (other than specified exempted persons) has become the beneficial owner of 20% or more of our common shares then outstanding; or

ten business days following the commencement of a tender or exchange offer that would result in a person or group becoming the beneficial owner of 20% or more of our common shares then outstanding.

Flip-In Feature. In the event a person or group (other than specified exempted persons) becomes the beneficial owner of 20% or more of our common shares then outstanding, other than pursuant to a tender or exchange offer for all outstanding common shares at a price and on other terms which a majority of our non-officer directors determine to be fair to and otherwise in the best interests of our shareholders, each right will entitle the holder (except for such person or group, whose rights will automatically become null and void) to acquire, upon exercise of the right, shares of our common stock having a value equal to twice the exercise price of the right. For example, if we assume that the initial purchase price of \$120 is in effect on the date that this flip-in feature of the right becomes applicable, each holder of a right, except for the person or group that has become the beneficial owner of 20% or more of our common shares then outstanding, can exercise a right by paying us \$120 in order to receive from us common stock having a value equal to \$240.

Flip-Over Feature. If, after a person or group (other than specified exempted persons) becomes the beneficial owner of 20% or more of our common shares, we engage in a merger or other business combination transaction and are not the surviving corporation, engage in a merger or other business combination in which we are the surviving corporation and our common shares are changed or exchanged, or 50% or more of our assets, cash flow or earning power is sold or transferred, then each holder of a right, except for the person or group that is the beneficial owner of 20% or more of our common shares then outstanding as described above, will have the right to receive, upon exercise of the right, shares of the acquiring company's capital stock having a value equal to twice the exercise price of the right.

Redemption of Rights. Our board of directors may redeem the rights, at a redemption price of \$.01 per right, at any time prior to the earlier of:

ten days following the public disclosure that a person or group (other than specified exempted persons) has become the beneficial owner of 20% or more of our common shares then outstanding, or

5:00 p.m. New York City time on October 18, 2006,

in which event the rights will terminate and the holders of the rights will have the right to receive only the redemption price for each right held.

Table of Contents

Amendment of Rights. Except as described below in this paragraph, at any time before the rights become exercisable, our rights agreement may be supplemented or amended in any manner by our board of directors without the consent of the holders of common shares. After the rights become exercisable, except as described below in this paragraph, our board of directors may supplement or amend the rights agreement to cure any ambiguity, correct any defects, shorten or lengthen any time period, or make any other change that does not adversely affect the interests of holders of the rights (other than persons or groups (excluding specified exempted persons) beneficially owning 20% or more of our outstanding common shares), except that such no supplement or amendment may lengthen a time period relating to when the rights may be redeemed at a time when the rights are not redeemable or any other time period unless the lengthening is for the purpose of protecting, enhancing or clarifying the rights of, and/or the benefits to, the holders of the rights. In addition, no supplement or amendment of the rights agreement may change the redemption price for the rights, the final expiration date for the rights of October 18, 2006, the purchase price payable to exercise a right or the number of one one-thousandths of a share of Series A junior participating preferred stock for which a right is exercisable.

Expiration of Rights. If not previously exercised, the rights will expire at 5:00 p.m. New York City time on October 18, 2006, unless we redeem the rights earlier.

Anti-Takeover Effects. Our rights agreement may have anti-takeover effects. The rights may cause substantial dilution to a person or group that attempts to acquire us. Accordingly, the existence of the rights may deter acquirors from making takeover proposals or tender offers. However, the rights are not intended to prevent a takeover, but rather are designed to enhance the ability of our board to negotiate with an acquiror on behalf of all shareholders. The rights should not interfere with any merger or other business combination approved by our board of directors, since the board may redeem or amend the rights as described above, so that, in general, the rights would not be or become exercisable in connection with such an approved transaction. In addition, the rights should not interfere with a proxy contest.

Series A Junior Participating Preferred Stock. In connection with adopting our shareholder rights plan, our board of directors designated 100,000 shares of our authorized preferred stock as Series A junior participating preferred stock, none of which has been issued. Shares of our Series A junior participating preferred stock are issuable only if the rights become and continue to be exercisable, and are exercised, for Series A junior participating preferred stock in accordance with the rights agreement. If issued, each share of the Series A junior participating preferred stock:

will be nonredeemable and junior to all other series of preferred stock, unless otherwise provided in the terms of those other series of preferred stock;

will have a preferential quarterly dividend in an amount equal to the greater of \$.01 or 1,000 times the aggregate per share amount of cash and non-cash dividends declared on our common shares;

will have 1,000 votes, voting together with the common shares and any other capital stock with general voting rights; and

in the event of any merger, consolidation or other transaction in which common shares are converted or exchanged, will be entitled to receive 1,000 times the amount and type of consideration received per common share.

Upon and during specified dividend arrearages, the holders of Series A Participating Preferred Stock will also have the right, voting together as a single class with any other shares of preferred stock having such arrearages, to elect two directors. Upon liquidation, the holders of Series A junior participating preferred stock will be entitled to receive an aggregate preferred liquidation payment intended to equal 1000 times the then current purchase price payable to exercise a right, plus an amount equal to accrued and unpaid dividends and distributions on the Series A junior participating preferred stock, whether or not declared, to the date of such payment. The rights of our Series A junior participating preferred stock as to dividends, liquidation and voting, and in the event of mergers and consolidations, are protected by customary antidilution provisions.

Table of Contents

Anti-Takeover Effects of Provisions of the Charter and By-Laws, the Rights Agreement, and New York corporate law

For a description of anti-takeover effects of various provisions of our charter, by-laws, our rights agreement and the New York Business Corporation Law, please see **RISK FACTORS Risks Related To Common Stock** *Our existing shareholders may be able to exert significant influence over matters requiring shareholder approval and The anti-takeover effects of provisions of our charter, by-laws and our rights agreement, and of New York corporate law, could defer, delay or prevent an acquisition or other change in control of us and could adversely affect the price of our common stock*, found on pages 11 and 12 of this prospectus, and the description of our rights plan in the immediately preceding section under the caption **Rights Plan**.

DESCRIPTION OF DEBT SECURITIES

The following descriptions of the debt securities do not purport to be complete and are subject to and qualified in their entirety by reference to the indenture, a form of which has been filed with the SEC as an exhibit to the registration statement of which this prospectus is a part. Any future supplemental indenture or similar document also will be so filed. You should read the indenture and any supplemental indenture or similar document because they, and not this description, define your rights as holder of our debt securities. All capitalized terms have the meanings specified in the indenture.

We may issue, from time to time, debt securities, in one or more series, that will consist of either our senior debt (**Senior Debt Securities**), our senior subordinated debt (**Senior Subordinated Debt Securities**), our subordinated debt (**Subordinated Debt Securities**) or our junior subordinated debt (**Junior Subordinated Debt Securities** and, together with the Senior Subordinated Debt Securities and the Subordinated Debt Securities, the **Subordinated Securities**). The debt securities we offer will be issued under an indenture between us and _____, acting as trustee. Debt securities, whether senior, senior subordinated, subordinated or junior subordinated, may be issued as convertible debt securities or exchangeable debt securities.

General Terms of the Indenture

The indenture does not limit the amount of debt securities that we may issue. It provides that we may issue debt securities up to the principal amount that we may authorize and may be in any currency or currency unit designated by us. Except for the limitations on consolidation, merger, and sale of all or substantially all of our assets contained in the indenture, the terms of the indenture do not contain any covenants or other provisions designed to afford holders of any debt securities protection with respect to our operations, financial condition or transactions involving us.

We may issue the debt securities issued under the indenture as discount securities, which means they may be sold at a discount below their stated principal amount. These debt securities, as well as other debt securities that are not issued at a discount, may, for U.S. federal income tax purposes, be treated as if they were issued with original issue discount, or OID, because of interest payment and other characteristics. Special U.S. federal income tax considerations applicable to debt securities issued with original issue discount will be described in more detail in any applicable prospectus supplement.

The applicable prospectus supplement for a series of debt securities that we issue will describe, among other things, the following terms of the offered debt securities:

the title;

the aggregate principal amount;

whether issued in fully registered form without coupons or in a form registered as to principal only with coupons or in bearer form with coupons;

whether issued in the form of one or more global securities and whether all or a portion of the principal amount of the debt securities is represented thereby;

Table of Contents

the price or prices at which the debt securities will be issued;

the date or dates on which principal is payable;

the place or places where and the manner in which principal, premium or interest will be payable and the place or places where the debt securities may be presented for transfer and, if applicable, conversion or exchange;

interest rates, and the dates from which interest, if any, will accrue, and the dates when interest is payable;

the right, if any, to extend the interest payment periods and the duration of the extensions;

our rights or obligations to redeem or purchase the debt securities, including sinking fund or partial redemption payments;

conversion or exchange provisions, if any, including conversion or exchange prices or rates and adjustments thereto;

the currency or currencies of payment of principal or interest;

the terms applicable to any debt securities issued at a discount from their stated principal amount;

the terms, if any, pursuant to which any debt securities will be subordinate to any of our other debt;

if the amount of payments of principal or interest is to be determined by reference to an index or formula, or based on a coin or currency other than that in which the debt securities are stated to be payable, the manner in which these amounts are determined and the calculation agent, if any, with respect thereto;

if other than the entire principal amount of the debt securities when issued, the portion of the principal amount payable upon acceleration of maturity as a result of a default on our obligations;

if applicable, covenants affording holders of debt protection with respect to our operations, financial condition or transactions involving us; and

any other specific terms of any debt securities.

The applicable prospectus supplement will set forth certain U.S. federal income tax considerations for holders of any debt securities and the securities exchange or quotation system on which any debt securities are listed or quoted, if any.

Debt securities issued by us will be structurally subordinated to all indebtedness and other liabilities of our subsidiaries, except to the extent any such subsidiary guarantees or is otherwise obligated to make payment on such debt securities. As of December 6, 2004, we have no subsidiaries.

Unless otherwise provided in the applicable prospectus supplement, all securities of any one series need not be issued at the same time and may be issued from time to time without consent of any holder.

Senior Debt Securities

Payment of the principal of, premium, if any, and interest on Senior Debt Securities will rank on a parity with all of our other existing and future unsecured and unsubordinated debt.

Senior Subordinated Debt Securities

Payment of the principal of, premium, if any, and interest on Senior Subordinated Debt Securities will be junior in right of payment to the prior payment in full of all of our existing and future unsubordinated debt. We will set forth in the applicable prospectus supplement relating to

any Senior Subordinated Debt Securities the subordination terms of such securities as well as the aggregate amount of outstanding debt, as of the most recent practicable date, that by its terms would be senior to the Senior Subordinated Debt Securities. We will

Table of Contents

also set forth in such prospectus supplement limitations, if any, on issuance of additional senior debt or additional senior subordinated debt.

Subordinated Debt Securities

Payment of the principal of, premium, if any, and interest on Subordinated Debt Securities will be subordinated and junior in right of payment to the prior payment in full of all of our senior and senior subordinated debt. We will set forth in the applicable prospectus supplement relating to any Subordinated Debt Securities the subordination terms of such securities as well as the aggregate amount of outstanding indebtedness, as of the most recent practicable date, that by its terms would be senior to the Subordinated Debt Securities. We will also set forth in such prospectus supplement limitations, if any, on issuance of additional senior debt, additional senior subordinated debt or additional subordinated debt.

Junior Subordinated Debt Securities

Payment of the principal of, premium, if any, and interest on Junior Subordinated Debt Securities will be subordinated and junior in right of payment to the prior payment in full of all of our senior, senior subordinated, and subordinated debt. We will set forth in the applicable prospectus supplement relating to any Junior Subordinated Debt Securities the subordination terms of such securities as well as the aggregate amount of outstanding debt, as of the most recent practicable date, that by its terms would be senior to the Junior Subordinated Debt Securities. We will also set forth in such prospectus supplement limitations, if any, on issuance of additional debt.

Conversion or Exchange Rights

Debt securities may be convertible into or exchangeable for our other securities or property. The terms and conditions of conversion or exchange will be set forth in the applicable prospectus supplement. The terms will include, among others, the following:

the conversion or exchange price;

the conversion or exchange period;

provisions regarding the ability of us or the holder to convert or exchange the debt securities;

events requiring adjustment to the conversion or exchange price; and

provisions affecting conversion or exchange in the event of our redemption of the debt securities.

Consolidation, Merger or Sale

We cannot consolidate or merge with or into, or transfer or lease all or substantially all of our assets to, any person unless (a) we will be the continuing corporation or (b) the successor corporation or person to which our assets are transferred or leased is a corporation organized under the laws of the United States, any state of the United States or the District of Columbia and it expressly assumes our obligations on the debt securities and under the indenture. In addition, we cannot effect such a transaction unless immediately after giving effect to such transaction, no default or event of default under the indenture shall have occurred and be continuing. Subject to certain exceptions, when the person to whom our assets are transferred or leased has assumed our obligations under the debt securities and the indenture, we shall be discharged from all of our obligations under the debt securities and the indenture.

This covenant would not apply to any recapitalization transaction, a change of control of our company or a highly leveraged transaction, unless the transaction or change of control were structured to include a merger or consolidation or transfer or lease of all or substantially all of our assets.

Table of Contents

Events of Default

Unless otherwise indicated, the term *Event of Default*, when used in the indenture in respect of a series of debt securities, means any of the following:

failure to pay interest on any debt security of such series for 30 days after the date payment is due and payable, provided that an extension of an interest payment period by us in accordance with the terms of the debt securities of such series shall not constitute a failure to pay interest;

failure to pay principal or premium, if any, on any debt security of such series when due, either at maturity, upon any redemption, by declaration or otherwise;

failure to make sinking fund payments in respect of any debt security of such series when due;

failure to perform any other covenant contained in the indenture (other than a covenant in the indenture solely for the benefit of a different series of debt securities) for 90 days after we receive written notice that performance is required from the trustee or the holders of at least 25% in aggregate principal amount of the debt securities of such series then outstanding;

events in bankruptcy, insolvency or reorganization of our company; or

any other *Event of Default* provided in the applicable resolution of our board of directors or the supplemental indenture under which we issue such series of debt securities.

An *Event of Default* for a particular series of debt securities does not necessarily constitute an *Event of Default* for any other series of debt securities issued under the indenture. If an *Event of Default* relating to the payment of interest, principal or any sinking fund installment involving any series of debt securities has occurred and is continuing, the trustee or the holders of not less than 25% in aggregate principal amount of the debt securities of each affected series then outstanding may declare the entire principal of all the debt securities of that series to be due and payable immediately.

If an *Event of Default* relating to the performance of other covenants in the indenture occurs and is continuing for a period of 90 days after notice of such, or if any other *Event of Default* provided in a supplemental indenture or board resolution occurs and is continuing, and such *Event of Default* involves all of the series of Senior Debt Securities, then the trustee or the holders of not less than 25% in aggregate principal amount of all of the series of Senior Debt Securities then outstanding (treated as one class) may declare the entire principal amount of all of the series of Senior Debt Securities due and payable immediately.

Similarly, if an *Event of Default* relating to the performance of other covenants in the indenture occurs and is continuing for a period of 90 days after notice of such, or if any other *Event of Default* provided in a supplemental indenture or board resolution occurs and is continuing, and such *Event of Default* involves all of the series of Subordinated Securities, then the trustee or the holders of not less than 25% in aggregate principal amount of all of the series of Subordinated Securities may declare the entire principal amount of all of the series of Subordinated Securities due and payable immediately.

If, however, the *Event of Default* relating to the performance of other covenants in the indenture or any other *Event of Default* provided in a supplemental indenture or board resolution that has occurred and is continuing is for less than all of the series of Senior Debt Securities or Subordinated Securities, as the case may be, then, the trustee or the holders of not less than 25% in aggregate principal amount of each affected series of the Senior Debt Securities or the Subordinated Securities, as the case may be, may declare the entire principal amount of all debt securities of such affected series due and payable immediately. The holders of not less than a majority in aggregate principal amount of the debt securities of a series may, after satisfying conditions, rescind and annul any of the above-described declarations and consequences involving the series.

If an *Event of Default* relating to events in bankruptcy, insolvency or reorganization of our company occurs and is continuing, then the principal amount of all of the debt securities outstanding under the indenture, and any accrued interest, will automatically become due and payable immediately, without any declaration or other act by the trustee or any holder.

Table of Contents

The indenture imposes limitations on suits brought by holders of debt securities against us. Except as provided below, no holder of debt securities of any series may institute any action against us under the indenture unless:

the holder has previously given to the trustee written notice of default and continuance of that default;

the holders of at least 25% in principal amount of the outstanding debt securities of the affected series have requested that the trustee institute the action;

the requesting holders have offered the trustee reasonable indemnity for expenses and liabilities that may be incurred by bringing the action;

the trustee has not instituted the action within 60 days of the request; and

the trustee has not received inconsistent direction by the holders of a majority in principal amount of the outstanding debt securities of the series.

Notwithstanding the foregoing, each holder of debt securities of any series has the right, which is absolute and unconditional, to receive payment of the principal of and premium and interest, if any, on such debt securities when due and to institute suit for the enforcement of any such payment, and such rights may not be impaired without the consent of that holder of debt securities.

We will be required to file annually with the trustee a certificate, signed by an officer of our company, stating whether or not the officer knows of any default by us in the performance, observance or fulfillment of any condition or covenant of the indenture.

Registered Global Securities

We may issue the debt securities of a series in whole or in part in the form of one or more fully registered global securities that we will deposit with a depository or with a nominee for a depository identified in the applicable prospectus supplement and registered in the name of such depository or nominee. In such case, we will issue one or more registered global securities denominated in an amount equal to the aggregate principal amount of all of the debt securities of the series to be issued and represented by such registered global security or securities.

Unless and until it is exchanged in whole or in part for debt securities in definitive registered form, a registered global security may not be transferred except as a whole:

by the depository for such registered global security to its nominee;

by a nominee of the depository to the depository or another nominee of the depository; or

by the depository or its nominee to a successor of the depository or a nominee of the successor.

The prospectus supplement relating to a series of debt securities will describe the specific terms of the depository arrangement with respect to any portion of such series represented by a registered global security. We anticipate that the following provisions will apply to all depository arrangements for debt securities:

ownership of beneficial interests in a registered global security will be limited to persons that have accounts with the depository for the registered global security, those persons being referred to as participants, or persons that may hold interests through participants;

upon the issuance of a registered global security, the depository for the registered global security will credit, on its book-entry registration and transfer system, the participants' accounts with the respective principal amounts of the debt securities represented by the registered global security beneficially owned by the participants;

any dealers, underwriters or agents participating in the distribution of the debt securities will designate the accounts to be credited; and

Table of Contents

ownership of any beneficial interest in the registered global security will be shown on, and the transfer of any ownership interest will be effected only through, records maintained by the depository for the registered global security (with respect to interests of participants) and on the records of participants (with respect to interests of persons holding through participants).

The laws of some states may require that certain purchasers of securities take physical delivery of the securities in definitive form. These laws may limit the ability of those persons to own, transfer or pledge beneficial interests in registered global securities.

So long as the depository for a registered global security, or its nominee, is the registered owner of the registered global security, the depository or the nominee, as the case may be, will be considered the sole owner or holder of the debt securities represented by the registered global security for all purposes under the indenture. Except as set forth below, owners of beneficial interests in a registered global security:

will not be entitled to have the debt securities represented by a registered global security registered in their names;

will not receive or be entitled to receive physical delivery of the debt securities in the definitive form; and

will not be considered the owners or holders of the debt securities under the indenture.

Accordingly, each person owning a beneficial interest in a registered global security must rely on the procedures of the depository for the registered global security and, if the person is not a participant, on the procedures of a participant through which the person owns its interest, to exercise any rights of a holder under the indenture.

We understand that under existing industry practices, if we request any action of holders or if an owner of a beneficial interest in a registered global security desires to give or take any action that a holder is entitled to give or take under the indenture, the depository for the registered global security would authorize the participants holding the relevant beneficial interests to give or take the action, and those participants would authorize beneficial owners owning through those participants to give or take the action or would otherwise act upon the instructions of beneficial owners holding through them.

We will make payments of principal and premium, if any, and interest, if any, on debt securities represented by a registered global security registered in the name of a depository or its nominee to the depository or its nominee, as the case may be, as the registered owners of the registered global security. None of our company, the trustee or any other agent of our company or the trustee will be responsible or liable for any aspect of the records relating to, or payments made on account of, beneficial ownership interests in the registered global security or for maintaining, supervising or reviewing any records relating to the beneficial ownership interests.

We expect that the depository for any debt securities represented by a registered global security, upon receipt of any payments of principal and premium, if any, and interest, if any, in respect of the registered global security, will immediately credit participants' accounts with payments in amounts proportionate to their respective beneficial interests in the registered global security as shown on the records of the depository. We also expect that standing customer instructions and customary practices will govern payments by participants to owners of beneficial interests in the registered global security held through the participants, as is now the case with the securities held for the accounts of customers in bearer form or registered in street name. We also expect that any of these payments will be the responsibility of the participants.

If the depository for any debt securities represented by a registered global security is at any time unwilling or unable to continue as depository or ceases to be a clearing agency registered under the Exchange Act, we will appoint an eligible successor depository. If we fail to appoint an eligible successor depository within 90 days, we will issue the debt securities in definitive form in exchange for the registered global security. In addition, we may at any time and in our sole discretion decide not to have any of the debt securities of a series represented by one or more registered global securities. In such event, we will issue debt securities of that series in a definitive form in exchange for all of the registered global securities representing the debt securities.

Table of Contents

The trustee will register any debt securities issued in definitive form in exchange for a registered global security in such name or names as the depositary, based upon instructions from its participants, shall instruct the trustee.

We may also issue bearer debt securities of a series in the form of one or more global securities, referred to as bearer global securities. We will deposit these bearer global securities with a common depositary for Euroclear System and Clearstream Bank Luxembourg, Societe Anonyme, or with a nominee for the depositary identified in the prospectus supplement relating to that series. The prospectus supplement relating to a series of debt securities represented by a bearer global security will describe the specific terms and procedures, including the specific terms of the depositary arrangement and any specific procedures for the issuance of debt securities in definitive form in exchange for a bearer global security, with respect to the position of the series represented by a bearer global security.

Discharge, Defeasance, and Covenant Defeasance

We can discharge or defease our obligations under the indenture as set forth below. Unless otherwise set forth in the applicable prospectus supplement, the subordination provisions applicable to any Subordinated Securities will be expressly made subject to the discharge and defeasance provisions of the indenture.

We may discharge some of our obligations to holders of any series of debt securities that have not already been delivered to the trustee for cancellation and that have either become due and payable or are by their terms to become due and payable within one year (or are scheduled for redemption within one year). We may effect a discharge by irrevocably depositing with the trustee cash or U.S. government obligations, as trust funds, in an amount certified to be sufficient to pay when due, whether at maturity, upon redemption or otherwise, the principal of, premium, if any, and interest on the debt securities, and any mandatory sinking fund payments.

Unless otherwise provided in the applicable prospectus supplement, we may also discharge any and all of our obligations to holders of any series of debt securities at any time (defeasance). We also may be released from the obligations imposed by any covenants of any outstanding series of debt securities and provisions of the indenture, and we may omit to comply with those covenants without creating an Event of Default (covenant defeasance). We may effect defeasance and covenant defeasance only if, among other things:

we irrevocably deposit with the trustee cash or U.S. government obligations, as trust funds, in an amount certified to be sufficient to pay at maturity (or upon redemption) the principal, premium, if any, and interest on all outstanding debt securities of the series; and

we deliver to the trustee an opinion of counsel from a nationally recognized law firm to the effect that the holders of the series of debt securities will not recognize income, gain or loss for U.S. federal income tax purposes as a result of the defeasance or covenant defeasance and that defeasance or covenant defeasance will not otherwise alter the holders U.S. federal income tax treatment of principal, premium, if any, and interest payments on the series of debt securities, which opinion, in the case of legal defeasance, must be based on a ruling of the Internal Revenue Service issued, or a change in U.S. federal income tax law.

Although we may discharge or defease our obligations under the indenture as described in the two preceding paragraphs, we may not avoid, among other things, our duty to register the transfer or exchange of any series of debt securities, to replace any temporary, mutilated, destroyed, lost or stolen series of debt securities or to maintain an office or agency in respect of any series of debt securities.

Modification of the Indenture

The indenture provides that we and the trustee may enter into supplemental indentures without the consent of the holders of debt securities of a series to:

secure our obligations under debt securities of such series;

evidence the assumption by a successor corporation of our obligations;

Table of Contents

add covenants for the protection of the holders of debt securities of such series;

surrender any right, power or option conferred upon us in respect of debt securities of such series;

provide for conversion rights of holders of debt securities of such series if any reclassification or change of our common stock or any consolidation, merger or sale of all or substantially all of our assets occurs;

make any change to comply with the Trust Indenture Act, as amended, or any requirement of the SEC in connection with the qualification of the indenture under the Trust Indenture Act of 1939, as amended;

cure any ambiguity or correct any inconsistency in the indenture;

make any change that does not materially adversely affect the rights of holders of debt securities of such series;

establish the forms or terms of debt securities of any series; and

evidence and provide for the acceptance of appointment by a successor trustee.

The indenture also provides that we and the trustee may, with the consent of the holders of not less than a majority in aggregate principal amount of debt securities of all series of Senior Debt Securities (voting as one class) or of all series of Subordinated Securities (voting as one series), as the case may be, then outstanding and affected, add any provisions to, or change in any manner, eliminate or modify in any way the provisions of, the indenture or modify in any manner the rights of the holders of the debt securities of each such series. We and the trustee may not, however, without the consent of the holder of each outstanding debt security affected thereby:

extend the final maturity of any debt security;

reduce the principal amount or premium, if any, of any debt security;

reduce the rate or extend the time of payment of interest on any debt security;

reduce any amount payable on redemption on any debt security;

change the currency in which the principal (other than as may be provided otherwise with respect to a series), premium, if any, or interest is payable in respect of any debt security;

reduce the amount of the principal of any debt security issued with an OID that is payable upon acceleration or provable in bankruptcy;

modify any of the subordination provisions or the definition of senior indebtedness applicable to any Subordinated Securities in a manner adverse to the holders of those securities;

alter provisions of the indenture relating to the debt securities not denominated in U.S. dollars;

impair the right to institute suit for the enforcement of any payment on any debt security when due; or

reduce the percentage of holders of debt securities of any series whose consent is required for any modification of the indenture.

Concerning the Trustee

The indenture provides that there may be more than one trustee under the indenture, each with respect to one or more series of debt securities. If there are different trustees for different series of debt securities, each trustee will be a trustee of a trust under the indenture separate and apart from the trust administered by any other trustee under the indenture. Except as otherwise indicated in this prospectus or any prospectus supplement, any action permitted to be taken by a trustee may be taken by such trustee only with respect to the one or more series of debt securities for which it is the trustee under the indenture. Any trustee under the indenture may resign or be removed with respect to one or more series of debt securities. All payments of principal of, premium, if any, and interest on, and all registration, transfer, exchange, authentication,

and

Table of Contents

delivery of (including authentication and delivery on original issuance of the debt securities), the debt securities of a series will be effected by the trustee with respect to that series at an office designated by the trustee in New York, New York.

The indenture contains limitations on the right of the trustee, should it become a creditor of our company, to obtain payment of claims in some cases or to realize on certain property received in respect of any such claim as security or otherwise. The trustee may engage in other transactions. If it acquires any conflicting interest relating to any duties with respect to the debt securities, however, it must eliminate the conflict or resign as trustee.

The holders of a majority in aggregate principal amount of any series of debt securities then outstanding will have the right to direct the time, method, and place of conducting any proceeding for exercising any remedy available to the trustee with respect to such series of debt securities, provided that the direction would not conflict with any rule of law or with the indenture, would not be unduly prejudicial to the rights of another holder of the debt securities, and would not involve any trustee in personal liability. The indenture provides that if an Event of Default shall occur and be known to any trustee and not be cured, the trustee must use the same degree of care as a prudent person would use in the conduct of his or her own affairs in the exercise of the trustee's power. Subject to these provisions, the trustee will be under no obligation to exercise any of its rights or powers under the indenture at the request of any of the holders of the debt securities, unless they shall have offered to the trustee security and indemnity satisfactory to the trustee.

No Individual Liability of Incorporators, Shareholders, Officers or Directors

The indenture provides that neither our incorporator nor any of our past, present or future shareholders, officers or directors of our company or any successor corporation in their capacity as such shall have any individual liability for any of our obligations, covenants or agreements under the debt securities or the indenture.

Governing Law

The indenture and the debt securities will be governed by, and construed in accordance with, the laws of the State of New York.

DESCRIPTION OF WARRANTS

General

We may issue warrants for the purchase of debt securities, preferred stock or common stock, or any combination thereof. Warrants may be issued independently or together with debt securities, preferred stock or common stock and may be attached to or separate from any offered securities. Warrants may be issued under warrant agreements issued to the holders thereof. Alternatively, one or more series of warrants may be issued under a separate warrant agreement to be entered into between us and a bank or trust company, as warrant agent. Any such warrant agent will act solely as our agent in connection with the warrants and will not have any obligation or relationship of agency or trust for or with any holders or beneficial owners of warrants. This summary of certain provisions of the warrants is not complete. For the complete terms of a particular series of warrants, you should refer to the prospectus supplement for that series of warrants and the warrant agreement for that particular series.

Debt Warrants

The prospectus supplement relating to a particular issue of warrants to purchase debt securities will describe the terms of the debt warrants, including the following:

the title of the debt warrants;

the offering price for the debt warrants, if any;

the aggregate number of the debt warrants;

Table of Contents

the designation and terms of the debt securities, including any conversion rights, purchasable upon exercise of the debt warrants;

if applicable, the date from and after which the debt warrants and any debt securities issued with them will be separately transferable;

the principal amount of debt securities that may be purchased upon exercise of a debt warrant and the exercise price for the warrants, which may be payable in cash, securities or other property;

the dates on which the right to exercise the debt warrants will commence and expire;

if applicable, the minimum or maximum amount of the debt warrants that may be exercised at any one time;

whether the debt warrants, represented by the debt warrant certificates or debt securities that may be issued upon exercise of the debt warrants, will be issued in registered or bearer form;

information with respect to book-entry procedures, if any;

the currency or currency units in which the offering price, if any, and the exercise price are payable;

the redemption or call provisions, if any, applicable to the debt warrants; and

any additional terms of the debt warrants, including terms, procedures, and limitations relating to the exchange, exercise, and settlement of the debt warrants.

Debt warrant certificates will be exchangeable for new debt warrant certificates of different denominations. Debt warrants may be exercised at the corporate trust office of the warrant agent or any other office indicated in the debt warrant certificate or the related prospectus supplement. Prior to the exercise of their debt warrants, holders of debt warrants will not have any of the rights of holders of the debt securities purchasable upon exercise and will not be entitled to payment of principal or any premium, if any, or interest on the debt securities purchasable upon exercise.

Stock Warrants

The prospectus supplement relating to a particular series of warrants to purchase our common stock or preferred stock will describe the terms of the warrants, including the following:

the title of the warrants;

the offering price for the warrants, if any;

the aggregate number of the warrants;

the designation and terms of the common stock or preferred stock that may be purchased upon exercise of the warrants;

if applicable, the designation and terms of the securities with which the warrants are issued and the number of warrants issued with each security;

if applicable, the date from and after which the warrants and any securities issued with the warrants will be separately transferable;

the number of shares of common stock or preferred stock that may be purchased upon exercise of a warrant and the exercise price for the warrants;

the dates on which the right to exercise the warrants shall commence and expire;

if applicable, the minimum or maximum amount of the warrants that may be exercised at any one time;

the currency or currency units in which the offering price, if any, and the exercise price are payable;

the antidilution provisions of the warrants, if any;

Table of Contents

the redemption or call provisions, if any, applicable to the warrants; and

any additional terms of the warrants, including terms, procedures, and limitations relating to the exchange, exercise, and settlement of the warrants.

Holders of stock warrants will not be entitled:

to vote, consent or receive dividends;

receive notice as shareholders with respect to any meeting of shareholders for the election of our directors or any other matter; or

exercise any rights as shareholders of our company.

PLAN OF DISTRIBUTION

We may sell debt securities, common stock, preferred stock or warrants to purchase debt securities, common stock or preferred stock in one or more of the following ways from time to time:

to or through underwriters or dealers;

by ourself directly;

through agents; or

through a combination of any of these methods of sale.

A prospectus supplement relating to an offering of offered securities will set forth the terms of such offering, including:

the name or names of any underwriters, dealers or agents;

the purchase price of the offered securities and the proceeds to us from the sale;

any underwriting discounts and commissions or agency fees and other items constituting underwriters or agents compensation; and

any initial public offering price, any discounts or concessions allowed or reallocated or paid to dealers, and any securities exchanges on which such offered securities may be listed.

Any initial public offering prices, discounts or concessions allowed or reallocated or paid to dealers may be changed from time to time.

If underwriters are used in the sale, the underwriters may acquire the offered securities for their own account and may resell them from time to time in one or more transactions, including negotiated transactions, at a fixed public offering price or at varying prices determined at the time of sale. The offered securities may be offered either to the public through underwriting syndicates represented by one or more managing underwriters or by one or more underwriters without a syndicate. Unless otherwise set forth in a prospectus supplement, any obligation of the underwriters to purchase any series of securities will be subject to certain conditions precedent.

In connection with underwritten offerings of the offered securities and in accordance with applicable law and industry practice, underwriters may over-allot or effect transactions that stabilize, maintain or otherwise affect the market price of the offered securities at levels above those that might otherwise prevail in the open market, including by entering stabilizing bids, effecting syndicate covering transactions or imposing penalty bids, each of which is described below.

A stabilizing bid means the placing of any bid, or the effecting of any purchase, for the purpose of pegging, fixing or maintaining the price of a security.

A syndicate covering transaction means the placing of any bid on behalf of the underwriting syndicate or the effecting of any purchase to reduce a short position created in connection with the offering.

Table of Contents

A penalty bid means an arrangement that permits the managing underwriter to reclaim a selling concession from a syndicate member in connection with the offering when offered securities originally sold by the syndicate member are purchased in syndicate covering transactions.

These transactions may be effected on the Nasdaq National Market, in the over-the-counter market or otherwise. Underwriters are not required to engage in any of these activities, or to continue such activities if commenced.

If a dealer is used in the sale, we may sell such offered securities to the dealer, as principal. The dealer may then resell the offered securities to the public at varying prices to be determined by that dealer at the time for resale. The names of the dealers and the terms of the transaction will be set forth in the prospectus supplement relating to that transaction.

Offered securities may be sold directly by us to one or more institutional purchasers, or through agents designated by us, from time to time, at a fixed price or prices, which may be changed, or at varying prices determined at the time of sale. Any agent involved in the offer or sale of the offered securities in respect of which this prospectus is delivered will be named, and any commissions payable by us to such agent will be set forth, in the prospectus supplement relating to that offering. Unless otherwise indicated in such prospectus supplement, any such agent will be acting on a best efforts basis for the period of its appointment.

Underwriters, dealers, and agents may be entitled under agreements entered into with us to indemnification by us against certain civil liabilities, including liabilities under the Securities Act, or to contribution with respect to payments that the underwriters, dealers or agents may be required to make in respect thereof. Underwriters, dealers, and agents may be customers of, engage in transactions with, or perform services for us and our affiliates from time to time in the ordinary course of business.

Other than our common stock, which is listed on the Nasdaq National Market, each of the securities issued hereunder will be a new issue of securities, will, unless otherwise indicated in the relevant prospectus supplement, have no prior trading market, and may or may not be listed on a national securities exchange or the Nasdaq National Market. Any common stock sold pursuant to a prospectus supplement will be listed on the Nasdaq National Market, subject to official notice of issuance. Any underwriters to whom we sell securities for public offering and sale may make a market in the securities, but such underwriters will not be obligated to do so and may discontinue any market making at any time without notice. We cannot assure you that there will be a market for the offered securities.

LEGAL MATTERS

The validity of the securities being offered hereby is being passed upon for us, by Skadden, Arps, Slate, Meagher & Flom LLP, Boston, Massachusetts.

EXPERTS

The audited financial statements incorporated in this prospectus by reference to the Annual Report on Form 10-K/A Amendment No. 2 of our company for the year ended December 31, 2003, except as they relate to Amgen-Regeneron Partners for the year ended December 31, 2001, have been audited by PricewaterhouseCoopers LLP, an independent registered public accounting firm, and insofar as they relate to Amgen-Regeneron Partners for the year ended December 31, 2001, by Ernst & Young LLP, independent auditors, whose reports thereon are incorporated by reference herein. Such financial statements have been so incorporated in reliance on the reports of such independent registered public accounting firm and independent auditors given on the authority of such firms as experts in auditing and accounting.

The financial statements of Amgen-Regeneron Partners appearing in Regeneron Pharmaceuticals, Inc.'s Annual Report (Form 10-K/A Amendment No. 2) for the year ended December 31, 2003, have been audited by Ernst & Young LLP, independent auditors, as set forth in their report thereon included therein and incorporated herein by reference. Such financial statements are incorporated herein in reliance upon the report of Ernst & Young LLP pertaining to such financial statements given on the authority of such firm as experts in accounting and auditing.

Table of Contents**PART II****INFORMATION NOT REQUIRED IN PROSPECTUS****Item 14. Other Expenses of Issuance and Distribution**

The following table sets forth our expenses in connection with the offerings described in this Registration Statement. All expenses, other than the SEC registration fee, are estimates.

SEC Registration Fee	\$ 23,540
Transfer Agents, Trustees and Depositary s Fees, and Expenses	\$ 50,000
Printing and Engraving Fees and Expenses	\$ 100,000
Accounting Fees and Expenses	\$ 500,000
Stock Exchange Listing Fees	\$ 50,000
Legal Fees	\$ 500,000
Rating Agency Fees	\$ 150,000
Miscellaneous	\$ 50,000
	<hr/>
Total	\$1,423,540

Item 15. Indemnification of Directors and Officers

Article Seven of our Restated Certificate of Incorporation requires indemnification of our officers and directors and that such indemnification be made to the fullest extent permitted by the New York Business Corporation Law.

Section 722 of the New York Business Corporation Law permits a corporation to provide for the indemnification of the members of its board of directors and its officers against actions or proceedings, or the threat thereof, by or in the right of the corporation. In order to receive indemnification, such director or officer must have (i) acted in good faith for a purpose which he reasonably believed was in the best interest of the corporation, and (ii) in the case of a criminal proceeding, also had no reasonable belief that such conduct was unlawful.

Article IV of our By-Laws provides that the directors and certain other personnel of our company shall be indemnified against expenses and certain other liabilities arising out of legal actions brought or threatened against them for their conduct on behalf of our company, subject to certain qualifications and provided that each such person acted in good faith and in a manner that they reasonably believed was in our best interest.

Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers or persons controlling us pursuant to the foregoing provisions or otherwise, we have been informed that in the opinion of the SEC such indemnification is against public policy as expressed in the Securities Act and is therefore unenforceable.

We have agreements with some of our directors which provide that we will indemnify them to the fullest extent permitted by the New York Business Corporation Law. We maintain directors and officers liability insurance which insures against liabilities that our directors or officers may incur in such capacities.

Table of Contents**Item 16. Exhibits**

Exhibit No.	Description
1.1**	Form of underwriting agreement.
4.1	Restated Certificate of Incorporation of Regeneron Pharmaceuticals, Inc.(1)
4.2	Certificate of Amendment of the Certificate of Incorporation of Regeneron Pharmaceuticals, Inc.(2)
4.3	Certificate of Amendment of the Certification of Incorporation of Regeneron Pharmaceuticals, Inc.(3)
4.4	Bylaws of Regeneron Pharmaceuticals, Inc.(4)
4.5	Amendment to the Bylaws of Regeneron Pharmaceuticals, Inc.(5)
4.6*	Form of indenture.
4.7**	Supplemental indenture or other instrument creating a series of debt securities under the indenture.
4.8**	Form of any debt security.
4.9**	Form of preferred stock.
4.10**	Form of any preferred stock certificate.
4.11**	Form of warrant agreement.
4.12**	Form of warrant certificate.
4.13	Rights Agreement, dated as of September 20, 1996, between Regeneron Pharmaceuticals, Inc. and Chase Mellon Shareholder Services LLC, as Rights Agent, including the form of Rights Certificate as Exhibit B thereto.(5)
4.14	Registration Rights Agreement, dated as of March 28, 2003, by and between Novartis Pharma AG and Regeneron Pharmaceuticals, Inc.(6)
4.15	Stock Purchase Agreement, dated as of September 5, 2003, by and between Aventis Pharmaceuticals Inc. and Regeneron Pharmaceuticals, Inc.(7)
5.1*	Opinion of Skadden, Arps, Slate, Meagher & Flom LLP as to the legality of the debt securities, common stock, preferred stock, and warrants.
8.1**	Opinion of counsel as to certain tax matters.
12.1	Statement re: computation of ratios of earnings to combined fixed charges of Regeneron Pharmaceuticals, Inc.
23.1	Consent of PricewaterhouseCoopers LLP, Independent Registered Public Accounting Firm.
23.2	Consent of Ernst & Young LLP, Independent Auditors.
23.3*	Consent of Skadden, Arps, Slate, Meagher & Flom LLP (included in Exhibit 5.1).
24.1	Power of Attorney of certain officers and directors of Regeneron Pharmaceuticals, Inc. (see page II-5 of this Form S-3).
25.1*	Statement of Eligibility and Qualification on Form T-1 under the Trust Indenture Act of 1939, as amended, of Trustee under the Indenture.

* To be filed by amendment.

** To be filed by amendment or as an exhibit to a document to be incorporated or deemed to be incorporated by reference in this Registration Statement.

- (1) Incorporated by reference from the Form 10-Q for Regeneron Pharmaceuticals, Inc. for the quarter ended June 30, 1991, filed August 13, 1991.
- (2) Incorporated by reference from the Form 10-Q for Regeneron Pharmaceuticals, Inc. for the quarter ended September 30, 1996, filed November 5, 1996.
- (3) Incorporated by reference from the Form 10-K for Regeneron Pharmaceuticals, Inc. for the fiscal year ended December 31, 2001, filed March 22, 2002.

Table of Contents

- (4) Incorporated by reference from the Form 10-K for Regeneron Pharmaceuticals, Inc. for the fiscal year ended December 31, 1994, filed March 30, 1995.
- (5) Incorporated by reference from the Form 8-K for Regeneron Pharmaceuticals, Inc. filed November 12, 2004.
- (6) Incorporated by reference from the Form 8-A for Regeneron Pharmaceuticals, Inc. filed October 15, 1996.
- (7) Incorporated by reference from the Form 10-Q for Regeneron Pharmaceuticals, Inc. for the quarter ended March 31, 2003, filed May 15, 2003.
- (8) Incorporated by reference from the Form 10-Q for Regeneron Pharmaceuticals, Inc. for the quarter ended September 30, 2003, filed November 11, 2003.

Item 17. Undertakings

(A) The undersigned registrant hereby undertakes:

- (1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:
 - (i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;
 - (ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the SEC pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20 percentage change in the maximum aggregate offering price set forth in the Calculation of Registration Fee table in the effective registration statement.
 - (iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

provided, however, that paragraphs (1)(i) and 1(ii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed with or furnished to the SEC by the registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act that are incorporated by reference in the registration statement.

- (2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.
 - (3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
- (B) The undersigned registrants hereby undertake that, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered herein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

Table of Contents

- (C) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of any of the registrants pursuant to the provisions set forth in Item 15, or otherwise, each of the registrants has been advised that in the opinion of the SEC such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by one of the registrants of expenses incurred or paid by a director, officer or controlling person of one of the registrants in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, each of the registrants will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Act and will be governed by the final adjudication of such issue.

II-4

Table of Contents

<i>/s/ MICHAEL S. BROWN, M.D.</i>	Director
Michael S. Brown, M.D.	
<i>/s/ ALFRED G. GILMAN, M.D.</i>	Director
Alfred G. Gilman, M.D.	
<i>/s/ JOSEPH L. GOLDSTEIN, M.D.</i>	Director
Joseph L. Goldstein, M.D.	
<i>/s/ ARTHUR F. RYAN</i>	Director
Arthur F. Ryan	
<i>/s/ ERIC M. SHOOTER, M.D.</i>	Director
Eric M. Shooter, M.D.	
<i>/s/ GEORGE L. SING</i>	Director
George L. Sing	
<i>/s/ GEORGE D. YANCOPOULOS, M.D., PH.D.</i>	Director
George D. Yancopoulos, M.D., Ph.D.	

Table of Contents**EXHIBIT INDEX**

Exhibit No.	Description
1.1**	Form of underwriting agreement.
4.1	Restated Certificate of Incorporation of Regeneron Pharmaceuticals, Inc.(1)
4.2	Certificate of Amendment of the Certificate of Incorporation of Regeneron Pharmaceuticals, Inc.(2)
4.3	Certificate of Amendment of the Certificate of Incorporation of Regeneron Pharmaceuticals, Inc.(3)
4.4	Bylaws of Regeneron Pharmaceuticals, Inc.(4)
4.5	Amendment to the Bylaws of Regeneron Pharmaceuticals, Inc.(5)
4.6*	Form of indenture.
4.7**	Supplemental indenture or other instrument creating a series of debt securities under the indenture.
4.8**	Form of any debt security.
4.9**	Form of preferred stock.
4.10**	Form of any preferred stock certificate.
4.11**	Form of warrant agreement.
4.12**	Form of warrant certificate.
4.13	Rights Agreement, dated as of September 20, 1996, between Regeneron Pharmaceuticals, Inc. and Chase Mellon Shareholder Services LLC, as Rights Agent, including the form of Rights Certificate as Exhibit B thereto.(5)
4.14	Registration Rights Agreement, dated as of March 28, 2003, by and between Novartis Pharma AG and Regeneron Pharmaceuticals, Inc.(6)
4.15	Stock Purchase Agreement, dated as of September 5, 2003, by and between Aventis Pharmaceuticals Inc. and Regeneron Pharmaceuticals, Inc.(7)
5.1**	Opinion of Skadden, Arps, Slate, Meagher & Flom LLP as to the legality of the debt securities, common stock, preferred stock, and warrants.
8.1**	Opinion of counsel as to certain tax matters.
12.1	Statement re: computation of ratios of earnings to combined fixed charges of Regeneron Pharmaceuticals, Inc.
23.1	Consent of PricewaterhouseCoopers LLP, Independent Registered Public Accounting Firm.
23.2	Consent of Ernst & Young LLP, Independent Auditors.
23.3	Consent of Skadden, Arps, Slate, Meagher & Flom LLP (included in Exhibit 5.1).
24.1	Power of Attorney of certain officers and directors of Regeneron Pharmaceuticals, Inc. (see page II-5 of this Form S-3).
25.1*	Statement of Eligibility and Qualification on Form T-1 under the Trust Indenture Act of 1939, as amended, of Trustee under the Indenture.

* To be filed by amendment.

** To be filed by amendment or as an exhibit to a document to be incorporated or deemed to be incorporated by reference in this Registration Statement.

- (1) Incorporated by reference from the Form 10-Q for Regeneron Pharmaceuticals, Inc. for the quarter ended June 30, 1991, filed August 13, 1991.
- (2) Incorporated by reference from the Form 10-Q for Regeneron Pharmaceuticals, Inc. for the quarter ended September 30, 1996, filed November 5, 1996.
- (3) Incorporated by reference from the Form 10-K for Regeneron Pharmaceuticals, Inc. for the fiscal year ended December 31, 2001, filed March 22, 2002.
- (4) Incorporated by reference from the Form 10-K for Regeneron Pharmaceuticals, Inc. for the fiscal year ended December 31, 1994, filed March 30, 1995.

Table of Contents

- (5) Incorporated by reference from the Form 8-K for Regeneron Pharmaceuticals, Inc. filed November 12, 2004.
- (6) Incorporated by reference from the Form 8-A for Regeneron Pharmaceuticals, Inc. filed October 15, 1996.
- (7) Incorporated by reference from the Form 10-Q for Regeneron Pharmaceuticals, Inc. for the quarter ended March 31, 2003, filed May 15, 2003.
- (8) Incorporated by reference from the Form 10-Q for Regeneron Pharmaceuticals, Inc. for the quarter ended September 30, 2003, filed November 11, 2003.