

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON D.C. 20549

FORM 10-Q

(Mark One)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended June 30, 2005

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Commission file number 000-12477

AMGEN INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of
incorporation or organization)

95-3540776

(I.R.S. Employer
Identification No.)

One Amgen Center Drive, Thousand Oaks, California

(Address of principal executive offices)

91320-1799

(Zip Code)

Registrant's telephone number, including area code

(805) 447-1000

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant is an accelerated filer.

As of July 15, 2005, the registrant had 1,233,806,783 shares of common stock, \$0.0001 par value, outstanding.

AMGEN INC.

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PART I — FINANCIAL INFORMATION

Item 1. Financial Statements

The information in this report for the three and six months ended June 30, 2005 and 2004 is unaudited but includes all adjustments (consisting only of normal recurring accruals, unless otherwise indicated) which Amgen Inc., including its subsidiaries (“Amgen”), considers necessary for a fair presentation of the results of operations for those periods.

The Condensed Consolidated Financial Statements should be read in conjunction with our Consolidated Financial Statements and the notes thereto contained in our Annual Report on Form 10-K for the year ended December 31, 2004.

Interim results are not necessarily indicative of results for the full fiscal year.

AMGEN INC.
CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS
(In millions, except per share data)
(Unaudited)

	Three Months Ended		Six Months Ended	
	June 30,		June 30,	
	2005	2004	2005	2004
Revenues:				
Product sales	\$3,072	\$2,431	\$5,807	\$4,639
Other revenues	100	154	198	289
Total revenues	<u>3,172</u>	<u>2,585</u>	<u>6,005</u>	<u>4,928</u>
Operating expenses:				
Cost of sales (excludes amortization of acquired intangible assets presented below)	530	435	1,019	809
Research and development	567	468	1,091	909
Selling, general and administrative	646	591	1,223	1,107
Amortization of acquired intangible assets	87	84	174	168
Legal settlements	49	—	49	—
Total operating expenses	<u>1,879</u>	<u>1,578</u>	<u>3,556</u>	<u>2,993</u>
Operating income	1,293	1,007	2,449	1,935
Interest and other income and (expense), net	6	10	(4)	31
Income before income taxes	1,299	1,017	2,445	1,966
Provision for income taxes	270	269	562	528
Net income	<u>\$1,029</u>	<u>\$ 748</u>	<u>\$1,883</u>	<u>\$1,438</u>
Earnings per share:				
Basic	\$ 0.83	\$ 0.59	\$ 1.52	\$ 1.13
Diluted	\$ 0.82	\$ 0.57	\$ 1.49	\$ 1.09
Shares used in calculation of earnings per share:				
Basic	1,233	1,268	1,241	1,274
Diluted	1,250	1,318	1,270	1,326

See accompanying notes.

AMGEN INC
CONDENSED CONSOLIDATED BALANCE SHEETS
(In millions, except per share data)
(Unaudited)

	<u>June 30,</u> <u>2005</u>	<u>December 31,</u> <u>2004</u>
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 1,621	\$ 1,526
Marketable securities	2,819	4,282
Trade receivables, net	1,707	1,461
Inventories	984	888
Other current assets	894	1,013
Total current assets	<u>8,025</u>	<u>9,170</u>
Property, plant, and equipment, net	4,863	4,712
Intangible assets, net	3,872	4,033
Goodwill	10,519	10,525
Other assets	759	781
	<u>\$28,038</u>	<u>\$29,221</u>
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current liabilities:		
Accounts payable	\$ 503	\$ 507
Accrued liabilities	2,675	2,477
Convertible notes	1,749	1,173
Total current liabilities	4,927	4,157
Deferred tax liabilities	1,209	1,294
Convertible notes	—	1,739
Other long-term debt	2,198	2,198
Other non-current liabilities	123	128
Contingencies		
Stockholders' equity:		
Preferred stock; \$0.0001 par value; 5 shares authorized; none issued or outstanding	—	—
Common stock and additional paid-in capital; \$0.0001 par value; 2,750 shares authorized; outstanding - 1,231 shares in 2005 and 1,260 shares in 2004	22,468	22,078
Accumulated deficit	(2,918)	(2,376)
Accumulated other comprehensive income	31	3
Total stockholders' equity	<u>19,581</u>	<u>19,705</u>
	<u>\$28,038</u>	<u>\$29,221</u>

See accompanying notes.

AMGEN INC.
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS
(In millions)
(Unaudited)

	Six Months Ended June 30,	
	2005	2004
Cash flows from operating activities:		
Net income	\$ 1,883	\$ 1,438
Depreciation and amortization	419	355
Tax benefits related to employee stock options	124	92
Other items, net	(49)	72
Cash provided by (used in) changes in operating assets and liabilities:		
Trade receivables, net	(246)	(273)
Inventories	(96)	(13)
Other assets	39	32
Accounts payable	(4)	(15)
Accrued income taxes	78	(232)
Other accrued liabilities	192	58
Net cash provided by operating activities	<u>2,340</u>	<u>1,514</u>
Cash flows from investing activities:		
Purchases of property, plant, and equipment	(403)	(742)
Proceeds from maturities of marketable securities	10,702	110
Proceeds from sales of marketable securities	14,875	4,655
Purchases of marketable securities	(24,114)	(3,087)
Other	44	(114)
Net cash provided by investing activities	<u>1,104</u>	<u>822</u>
Cash flows from financing activities:		
Repurchases of common stock	(2,425)	(1,650)
Repayment of Convertible Notes	(1,175)	—
Net proceeds from issuance of common stock upon the exercise of employee stock options and in connection with an employee stock purchase plan	270	195
Other	(19)	(1)
Net cash used in financing activities	<u>(3,349)</u>	<u>(1,456)</u>
Increase in cash and cash equivalents	95	880
Cash and cash equivalents at beginning of period	1,526	837
Cash and cash equivalents at end of period	<u>\$ 1,621</u>	<u>\$ 1,717</u>

See accompanying notes.

AMGEN INC.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

June 30, 2005

1. Summary of significant accounting policies*Business*

Amgen Inc., including its subsidiaries, (“Amgen”) is a global biotechnology company that discovers, develops, manufactures, and markets human therapeutics based on advances in cellular and molecular biology.

Basis of presentation

The financial information for the three and six months ended June 30, 2005 and 2004 is unaudited but includes all adjustments (consisting only of normal recurring accruals, unless otherwise indicated), which we consider necessary for a fair presentation of the results of operations for these periods. Interim results are not necessarily indicative of results for the full fiscal year.

Principles of consolidation

The Condensed Consolidated Financial Statements include the accounts of Amgen as well as its wholly owned subsidiaries. We do not have any significant interests in variable interest entities. All material intercompany transactions and balances have been eliminated in consolidation.

Use of estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States (“GAAP”) requires management to make estimates and assumptions that affect the amounts reported in the Condensed Consolidated Financial Statements and accompanying notes. Actual results may differ from those estimates.

Reclassifications

Certain prior period amounts have been reclassified to conform to the current period presentation.

Inventories

Inventories are stated at the lower of cost or market. Cost is determined in a manner, which approximates the first-in, first-out (FIFO) method. Inventories consisted of the following (in millions):

	June 30, 2005	December 31, 2004
Raw materials	\$148	\$117
Work in process	595	565
Finished goods	241	206
	<u>\$984</u>	<u>\$888</u>

AMGEN INC.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS- (Continued)

Intangible assets and goodwill

Intangible assets are recorded at cost, less accumulated amortization. Amortization of intangible assets is provided over their estimated useful lives ranging from 5 to 15 years on a straight-line basis (weighted-average amortization period of 14.4 years at June 30, 2005). As of June 30, 2005 and December 31, 2004, accumulated amortization of intangible assets amounted to \$1,021 million and \$834 million, respectively. Intangible assets primarily consist of acquired product technology rights of \$3,647 million, net of accumulated amortization of \$969 million, which relate to the identifiable intangible assets acquired in connection with the Immunex Corporation (“Immunex”) acquisition in July 2002. Amortization of acquired product technology rights is included in “Amortization of acquired intangible assets” in the accompanying Condensed Consolidated Statements of Operations. We review our intangible assets for impairment periodically and whenever events or changes in circumstances indicate that the carrying value of an asset may not be recoverable.

Goodwill principally relates to the acquisition of Immunex. The decrease in goodwill from the prior year is due to tax benefits realized upon exercise of Immunex related stock options during the six months ended June 30, 2005. We perform an impairment test annually and whenever events or changes in circumstances indicate that the carrying amount of goodwill may not be recoverable.

Product sales

Product sales primarily consist of sales of Aranesp® (darbepoetin alfa), EPOGEN® (Epoetin alfa), Neulasta® (pegfilgrastim), NEUPOGEN® (Filgrastim), and ENBREL® (etanercept).

We have the exclusive right to sell Epoetin alfa for dialysis, certain diagnostics and all non-human, non-research uses in the United States. We sell Epoetin alfa under the brand name EPOGEN®. We have granted to Ortho Pharmaceutical Corporation (which has assigned its rights under the product license agreement to Ortho Biotech Products, L.P.), a subsidiary of Johnson & Johnson (“Johnson & Johnson”), a license relating to Epoetin alfa for sales in the United States for all human uses except dialysis and diagnostics. The license agreement, which is perpetual, can be terminated upon mutual agreement of the parties, or default. Pursuant to this license, Amgen and Johnson & Johnson are required to compensate each other for Epoetin alfa sales that either party makes into the other party’s exclusive market, sometimes referred to as “spillover”. Accordingly, we do not recognize product sales we make into the exclusive market of Johnson & Johnson and do recognize the product sales made by Johnson & Johnson into our exclusive market. Sales in our exclusive market are derived from our sales to our customers, as adjusted for spillover. We are employing an arbitrated audit methodology to measure each party’s spillover based on estimates of and subsequent adjustments thereto of third-party data on shipments to end users and their usage.

Sales of our other products are recognized when shipped and title and risk of loss have passed. Product sales are recorded net of accruals for estimated rebates (including Medicaid), wholesaler chargebacks, discounts, and other incentives (collectively “sales incentives”) and returns.

AMGEN INC.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS- (Continued)

Research and development costs

Research and development (“R&D”) costs, which are expensed as incurred, are primarily comprised of the following types of costs incurred in performing R&D activities: salaries and benefits, overhead and occupancy costs, clinical trial and related clinical manufacturing costs, contract services, and other outside costs. R&D expenses also include such costs related to activities performed on behalf of corporate partners.

Earnings per share

Basic earnings per share (“EPS”) is based upon the weighted-average number of common shares outstanding. Diluted EPS is based upon the weighted-average number of common shares and dilutive potential common shares outstanding. Potential common shares outstanding include stock options under our employee stock option plans and potential issuances of stock under our equity incentive plans and under the assumed conversion of our Modified Convertible Notes utilizing the treasury stock method (collectively “Dilutive Securities”). Potential common shares outstanding also include common shares to be issued under the assumed conversion of our Convertible Notes under the if-converted method. For further information regarding our convertible notes, see Note 4, “Financing arrangements”.

The following table sets forth the computation for basic and diluted EPS (in millions, except per share information):

	Three Months Ended June 30,		Six Months Ended June 30,	
	2005	2004	2005	2004
Income (Numerator):				
Net income for basic EPS	\$1,029	\$ 748	\$1,883	\$1,438
Adjustment for interest expense on Convertible Notes, net of tax	<u>1</u>	<u>5</u>	<u>6</u>	<u>11</u>
Net income for diluted EPS, after assumed conversion	<u>\$1,030</u>	<u>\$ 753</u>	<u>\$1,889</u>	<u>\$1,449</u>
Shares (Denominator):				
Weighted-average shares for basic EPS	1,233	1,268	1,241	1,274
Effect of Dilutive Securities	9	15	10	17
Effect of Convertible Notes, after assumed conversion	<u>8</u>	<u>35</u>	<u>19</u>	<u>35</u>
Weighted-average shares for diluted EPS	<u>1,250</u>	<u>1,318</u>	<u>1,270</u>	<u>1,326</u>
Basic earnings per share	\$ 0.83	\$ 0.59	\$ 1.52	\$ 1.13
Diluted earnings per share	\$ 0.82	\$ 0.57	\$ 1.49	\$ 1.09

AMGEN INC.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS- (Continued)

Employee stock options

We account for our employee stock options under the recognition and measurement principles of Accounting Principles Board Opinion (“APB”) No. 25, “Accounting for Stock Issued to Employees,” and related Interpretations, which generally results in no stock option expense. We grant our employee stock options at exercise prices equal to the market value of the underlying common stock on the date of grant and the related number of shares granted is fixed at that point in time resulting in no employee stock option expense reflected in net income.

The following table illustrates the effect on net income and EPS if we had applied the fair value recognition provisions of Statement of Financial Accounting Standards (“SFAS”) No. 123, “Accounting for Stock-Based Compensation”, as amended (in millions, except per share information):

	Three Months Ended June 30,		Six Months Ended June 30,	
	2005	2004	2005	2004
Net income	\$1,029	\$ 748	\$1,883	\$1,438
Stock-based compensation, net of tax	(66)	(72)	(137)	(157)
Pro forma net income	<u>\$ 963</u>	<u>\$ 676</u>	<u>\$1,746</u>	<u>\$1,281</u>
Earnings per share:				
Basic	\$ 0.83	\$ 0.59	\$ 1.52	\$ 1.13
Impact of stock option expense	(0.05)	(0.06)	(0.11)	(0.12)
Basic — pro forma	<u>\$ 0.78</u>	<u>\$ 0.53</u>	<u>\$ 1.41</u>	<u>\$ 1.01</u>
Diluted	\$ 0.82	\$ 0.57	\$ 1.49	\$ 1.09
Impact of stock option expense	(0.05)	(0.05)	(0.11)	(0.11)
Diluted — pro forma	<u>\$ 0.77</u>	<u>\$ 0.52</u>	<u>\$ 1.38</u>	<u>\$ 0.98</u>

The weighted-average fair value of common stock and stock options on the date of grant, and the weighted-average assumptions used to estimate the fair value of the stock options using the Black-Scholes option valuation model, were as follows for the three months ended June 30:

	2005	2004
Weighted average fair value of common stock	\$59.66	\$56.45
Weighted average fair value of stock options granted	\$16.07	\$21.97
Risk-free interest rate	3.7%	3.3%
Expected life (in years)	4.9	4.5
Expected volatility	22.0%	42.0%
Expected dividend yield	0%	0%

During the three months ended March 31, 2005, we revised our method of estimating expected volatility used in the Black-Scholes option valuation model to reflect the consideration of implied volatility in our publicly traded equity instruments.

AMGEN INC.**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS- (Continued)**

In December 2004, the Financial Accounting Standards Board issued SFAS No. 123R, "Share-Based Payment". SFAS No. 123R will require us to account for our stock options using a fair-value-based method as described in such statement and recognize the resulting compensation expense in our financial statements. Subsequently, the Securities and Exchange Commission ("SEC") has provided for a phase-in implementation process for SFAS No. 123R, which requires us to adopt the new accounting standard no later than January 1, 2006. We plan to adopt SFAS No. 123R on January 1, 2006 and do not plan to restate our financial statements for periods ending prior to January 1, 2006. The adoption of SFAS No. 123R will have a material impact on our results of operations. The actual annual expense in 2006 is dependent on a number of factors including the number of stock options granted, our common stock price and related expected volatility, and other inputs utilized in estimating the fair value of the stock options at the time of grant.

2. Related party transactions

We own a 50% interest in Kirin-Amgen, Inc. ("KA"), a corporation formed in 1984 with Kirin Brewery Company, Limited ("Kirin") for the development and commercialization of certain products based on advanced biotechnology. We account for our interest in KA under the equity method and include our share of KA's profits or losses in "Selling, general and administrative" in the Condensed Consolidated Statements of Operations. During the three and six months ended June 30, 2005, our share of KA's profits were \$16 million and \$30 million, respectively. During the three and six months ended June 30, 2004 our share of KA's losses and profits were (\$1) million and \$5 million, respectively. KA's revenues consist of royalty income related to its licensed technology rights. All of our rights to manufacture and market certain products including erythropoietin, granulocyte colony-stimulating factor ("G-CSF"), darbepoetin alfa, and pegfilgrastim are pursuant to exclusive licenses from KA. We currently market erythropoietin, G-CSF, darbepoetin alfa, and pegfilgrastim under the brand names EPOGEN®, NEUPOGEN®, Aranesp®, and Neulasta®, respectively. KA receives royalty income from us, as well as Kirin, Johnson & Johnson, F. Hoffmann-La Roche Ltd, and others under separate product license agreements for certain geographic areas outside of the United States. During the three and six months ended June 30, 2005 KA earned royalties from us of \$75 million and \$143 million, respectively. During the three and six months ended June 30, 2004, KA earned royalties from us of \$65 million and \$125 million, respectively. These amounts are included in "Cost of sales (excludes amortization of acquired intangible assets)" in the Condensed Consolidated Statements of Operations.

KA's expenses primarily consist of costs related to research and development activities conducted on its behalf by Amgen and Kirin. KA pays Amgen and Kirin for such services at negotiated rates. During the three and six months ended June 30, 2005, we earned revenues from KA of \$25 million and \$47 million, respectively, for certain research and development activities performed on KA's behalf. During the three and six months ended June 30, 2004, we earned revenues from KA of \$58 million and \$92 million, respectively. These amounts are included in "Other revenues" in the accompanying Condensed Consolidated Statements of Operations.

AMGEN INC.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS- (Continued)

3. Income taxes

The tax rates for the three and six months ended June 30, 2005 are different from the statutory rate primarily as a result of favorable resolution of prior year foreign tax credit claims and research and development tax credits with the Internal Revenue Service (“IRS”) and indefinitely reinvested earnings of our foreign operations. The favorable impact of prior year tax matters amounted to approximately \$47 million, or \$0.04 per diluted share, for the three months ended June 30, 2005. We do not provide for U.S. income taxes on undistributed earnings of our controlled foreign corporations that are intended to be reinvested indefinitely outside the United States.

On October 22, 2004, the President of the United States signed the American Jobs Creation Act of 2004 (the “Jobs Act”). The Jobs Act creates a temporary incentive for U.S. corporations to repatriate accumulated income earned abroad by providing an 85 percent dividends received deduction for certain dividends from controlled foreign corporations. The deduction is subject to a number of limitations. The IRS issued its first guidance on the repatriation provision of the Jobs Act on January 13, 2005. On May 10, 2005, the IRS issued additional guidance in this area. However, uncertainty still remains as to how to interpret certain provisions in the Jobs Act. We are still evaluating the repatriation provisions of the Jobs Act and our 2005 second quarter results of operations do not reflect any impact relating to such repatriation provisions. Based on our preliminary analysis to date, we are limited under the Jobs Act to repatriate up to \$500 million in foreign profits, and we estimate the tax liability to be approximately \$30 to \$40 million if we repatriate the full \$500 million. We expect to complete our evaluation within a reasonable period of time following the publication of additional guidance by the IRS.

Our income tax returns are routinely audited by the IRS and various state and foreign tax authorities. Significant disputes can arise with these tax authorities involving issues of the timing and amount of deductions and allocations of income among various tax jurisdictions because of differing interpretations of tax laws and regulations. We periodically evaluate our exposures associated with tax filing positions. While we believe our positions comply with applicable laws, we record liabilities based upon estimates of the ultimate outcomes of these matters. While it is not possible to accurately predict or determine the eventual outcome of these matters, we do not believe any such items will have a material adverse effect on our annual Consolidated Financial Statements, although an adverse resolution in any quarterly reporting period of one or more of these items could have a material impact on the results of operations for that period.

4. Financing arrangements

On March 2, 2005, as a result of certain holders of the outstanding 30-year, zero-coupon senior convertible notes (the “Convertible Notes”) exercising their March 1, 2005 put option, we repurchased \$1.59 billion aggregate principal amount of Convertible Notes for their then-accreted value of \$1,175 million in cash, representing approximately 40% of our then outstanding Convertible Notes. Upon the repurchase of such Convertible Notes, a pro rata portion, \$20 million, of the related debt issuance costs were immediately charged to interest expense in the three months ended March 31, 2005. Also on March 2, 2005, we made an aggregate cash payment of \$22 million to the holders of the Convertible Notes who did not exercise the put option and continued to hold Convertible Notes subsequent to March 1, 2005. This payment is approximately equal to 1.25% of each Convertible

AMGEN INC.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS- (Continued)

Note's then-accreted value. Concurrently, we amended the terms of the Convertible Notes to add an additional put date in order to permit the remaining holders, at their option, to cause us to repurchase the Convertible Notes on March 1, 2006 at the then-accreted value.

On May 6, 2005, we exchanged new zero-coupon senior convertible notes (the "Modified Convertible Notes") and a cash payment of approximately \$6 million for approximately 95% of the remaining Convertible Notes then outstanding. The significant terms of the Modified Convertible Notes are the same as the Convertible Notes except as follows:

- While the Convertible Notes are convertible into common stock at any time, the Modified Convertible Notes can only be converted if: 1) the closing price of common stock exceeds the conversion price per share during a defined period at the end of the previous calendar quarter, 2) we call the Modified Convertible Notes for redemption, or 3) we make certain significant distributions to common stockholders or enter into specified types of corporate transactions.
- If converted, the Convertible Notes will be settled for a specified number of _____ shares of common stock. The conversion of the Modified Convertible Notes will be settled for a "conversion value" equal to the product of the conversion rate (8.8601 shares of Amgen common stock per note as of June 30, 2005) multiplied by the average closing price of our common stock during a specified period following the conversion date. The conversion value is paid in: 1) cash equal to the lesser of the accreted value of the Modified Convertible Notes at the conversion date or the conversion value, and 2) shares of common stock, if any, to the extent the conversion value exceeds the accreted value.
- The conversion rate of the Convertible Notes will be adjusted to the extent we pay cash dividends equal to, or in excess of, a specified amount in any 12-month period. The conversion rate of the Modified Convertible Notes will be adjusted for any cash dividend paid by an amount equal to the dividend divided by the average closing price of common stock during a specified period immediately prior to the ex-dividend date.
- If holders of the Convertible Notes exercise their option to require us to purchase all, or a portion of, their notes, we have the right to pay the accreted value in cash and/or shares of common stock. If holders of the Modified Convertible Notes exercise their option, we must pay the accreted value solely in cash.
- If certain conditions are met, we are required to pay contingent interest on the Convertible Notes equal to the greater of: 1) cash dividends per share paid multiplied by the conversion rate or 2) a specified percentage of the market price of the Convertible Notes, as defined. Contingent interest on the Modified Convertible Notes must be paid if these same conditions are met but in an amount equal to a specified percentage of the market price of the Modified Convertible Notes, as defined, without regard to the amount of cash dividends paid, if any.

The changes to the Convertible Notes outstanding as a result of the May 2005 exchange combined with those made in March 2005 are being accounted for as a debt modification.

AMGEN INC.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS- (Continued)

Accordingly, all cash paid to the holders of the Modified Convertible Notes and Convertible Notes (collectively referred to as “convertible notes”) is being amortized to interest expense over the life of the convertible notes using the effective interest method, and the costs incurred to modify the terms of the convertible notes were expensed as incurred.

At June 30, 2005, we had convertible notes outstanding with the following accreted values:

Modified Convertible Notes	\$1,660
Convertible Notes	89
Total convertible notes	<u>\$1,749</u>

These convertible notes had an aggregate face amount of \$2.36 billion and yield to maturity of 1.125%. The original issue discount is being accreted to the balance of the convertible notes and recognized as interest expense over the life of the convertible notes using the effective interest method. The holders of the convertible notes may require us to purchase all or a portion of their notes on various dates, the earliest of which is March 1, 2006, at a price equal to the original issuance price plus the accrued original issue discount to the purchase dates. Accordingly, the convertible notes were classified as current in the accompanying Condensed Consolidated Balance Sheet as of June 30, 2005.

5. Stockholders' equity

Stock repurchase program

A summary of our stock repurchase activity for the six months ended June 30, 2005 and 2004 is as follows:

	2005		2004	
	Shares	Dollars	Shares	Dollars
First quarter	27	\$1,675	10	\$ 650
Second quarter	12	750	17	1,000
Total	<u>39</u>	<u>\$2,425</u>	<u>27</u>	<u>\$1,650</u>

As of June 30, 2005, we had \$3,544 million available for stock repurchases under our stock repurchase program authorized by the Board of Directors in December 2004. The amount we spend and the number of shares repurchased varies based on a variety of factors including the stock price and blackout periods in which we are restricted from repurchasing shares.

AMGEN INC.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS- (Continued)

Other comprehensive income

Our other comprehensive income includes unrealized gains and losses on our available-for-sale securities and foreign currency forward and option contracts, which qualify and are designated as cash flow hedges, and foreign currency translation adjustments. During the three and six months ended June 30, 2005, total comprehensive income was \$1,060 million and \$1,911 million, respectively. During the three and six months ended June 30, 2004, total comprehensive income was \$712 million and \$1,417 million, respectively.

6. Contingencies

During the three months ended June 30, 2005, we settled certain legal matters, primarily related to a patent legal proceeding, and recorded an expense of \$49 million, net of amounts previously accrued.

In the ordinary course of business, we are involved in various legal proceedings and other matters, including those that are tax-related. While it is not possible to accurately predict or determine the eventual outcome of these items, we do not believe any such items currently pending will have a material adverse effect on our annual Consolidated Financial Statements, although an adverse resolution in any quarterly reporting period of one or more of these items could have a material impact on the results of operations for that period.

Item 2. Management’s Discussion and Analysis of Financial Condition and Results of Operations

Forward looking statements

This report and other documents we file with the Securities and Exchange Commission (“SEC”) contain forward looking statements that are based on current expectations, estimates, forecasts and projections about us, our future performance, our business, our beliefs and our management’s assumptions. In addition, we, or others on our behalf, may make forward looking statements in press releases or written statements, or in our communications and discussions with investors and analysts in the normal course of business through meetings, webcasts, phone calls, and conference calls. Words such as “expect,” “anticipate,” “outlook,” “could,” “target,” “project,” “intend,” “plan,” “believe,” “seek,” “estimate,” “should,” “may,” “assume,” “continue,” variations of such words and similar expressions are intended to identify such forward looking statements. These statements are not guarantees of future performance and involve certain risks, uncertainties, and assumptions that are difficult to predict. We describe our respective risks, uncertainties, and assumptions that could affect the outcome or results of operations in “Factors that may affect Amgen”. We have based our forward looking statements on our management’s beliefs and assumptions based on information available to our management at the time the statements are made. We caution you that actual outcomes and results may differ materially from what is expressed, implied, or forecast by our forward looking statements. Reference is made in particular to forward looking statements regarding product sales, reimbursement, expenses, EPS, liquidity and capital resources, and trends. Except as required under the federal securities laws and the rules and regulations of the SEC, we do not have any intention or obligation to update publicly any forward looking statements after the distribution of this report, whether as a result of new information, future events, changes in assumptions, or otherwise.

Overview

The following management’s discussion and analysis (“MD&A”) is intended to assist the reader in understanding Amgen’s business. MD&A is provided as a supplement to, and should be read in conjunction with, our Condensed Consolidated Financial Statements and accompanying notes included in this Quarterly Report on Form 10-Q and our Consolidated Financial Statements and accompanying notes included in our Annual Report on Form 10-K for the year ended December 31, 2004.

We are a global biotechnology company that discovers, develops, manufactures, and markets human therapeutics based on advances in cellular and molecular biology. Our mission is to serve patients. As a science-based, patient-focused organization, we discover and develop innovative therapies to treat serious illness. We operate in one business segment — human therapeutics. Therefore, our results of operations are discussed on a consolidated basis.

We primarily earn revenues and income and generate cash from sales of human therapeutic products in the areas of nephrology, supportive cancer care, and inflammatory disease. For the three and six months ended June 30, 2005, total revenues were \$3,172 million and \$6,005 million, respectively, and net income was \$1,029 million and \$1,883 million, respectively, or \$0.82 per share and \$1.49 per share, respectively. As of June 30, 2005, cash, cash equivalents and marketable securities were \$4,440 million.

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Our principal products include Aranesp® (darbepoetin alfa), EPOGEN® (Epoetin alfa), Neulasta® (pegfilgrastim), NEUPOGEN® (Filgrastim), and ENBREL® (etanercept), which is marketed under a co-promotion agreement with Wyeth in the United States and Canada. For additional information about our principal products, their approved indications, and where they are marketed, see “Item 1. Business – Principal products” in our Annual Report on Form 10-K for the year ended December 31, 2004. For both the three and six months ended June 30, 2005 and 2004, product sales represented 97% and 94% of total revenues, respectively. Over the last several years, our product sales growth has been primarily driven by sales of Aranesp®, ENBREL®, and Neulasta®, which benefited from market share gains and/or market growth. We expect these products to continue to drive sales growth in the near term. However, we expect that continued market share gains on a sequential basis will be a challenge as we operate in a highly competitive environment. Going forward, we expect to continue to focus on market share gains, but we also expect to increase our focus on growing the market. Most patients receiving our principal products for approved indications, excluding ENBREL®, are covered by both government and private payer health care programs. Primary reimbursement for ENBREL® is obtained from private payers. Therefore, our product sales are and will be affected by government and private payer reimbursement policies. Reduction in reimbursement could adversely affect our results of operations. See “Reimbursement” below for further information.

International product sales for both the three and six months ended June 30, 2005 represented approximately 18% of total product sales as compared to approximately 17% and 18% for the three and six months ended June 30, 2004, respectively. Our international product sales consisted principally of European sales. Our international sales are impacted by foreign currency changes (see “Results of Operations” discussion below). International product sales growth for the three and six months ended June 30, 2005 benefited by approximately \$31 million and \$59 million, respectively, from foreign currency exchange rate changes. However, both positive and negative impacts from movements in foreign exchange rates have been mitigated by the natural, opposite impact to our international operating expenses and as a result of our foreign currency hedging activities. Our hedging activities seek to offset the impact, both positive and negative, that foreign exchange rate changes may have on our net income. As such, the impact to our net results of operations from changes in foreign currency exchange rates has been largely mitigated.

For the three and six months ended June 30, 2005, operating income increased \$286 million and \$514 million, respectively, as compared to operating income for the three and six months ended June 30, 2004 primarily as a result of our product sales growth. Operating income as a percentage of product sales was 42% and 41% for the three months ended June 30, 2005 and 2004, respectively. For both the six months ended June 30, 2005 and 2004, operating income as a percentage of product sales was 42%. For the three and six months ended June 30, 2005, our operating income as a percentage of product sales was negatively impacted by a settlement expense of \$49 million, resulting from certain legal matters primarily related to a patent legal proceeding. For the remainder of 2005, we expect our operating expenses to increase as compared to the first half of 2005, in support of our anticipated product sales growth, and as a result of our continued investment in research and development (“R&D”) to advance our pipeline. Furthermore, operating expenses as a percentage of product sales for the second half of 2005 is expected to be higher than that of the first half of 2005.

We focus our R&D efforts on human therapeutics delivered in the form of proteins, monoclonal antibodies, and small molecules in the areas of oncology, inflammation, metabolic disorders, neuroscience, and general medicine. We focus on the development of novel therapeutics for the treatment of serious illness. We take a modality-independent approach to R&D — that is, we

identify targets, then choose the modality best suited to address a specific target. To enhance our internal R&D efforts, we have acquired and licensed certain product and technology rights and have established R&D collaborations. We expect to continue to invest significantly in R&D.

There are many economic and industry-wide factors that affect our business, including, among others, those relating to broad reimbursement changes, increased complexity and cost of R&D, increasingly intense competition for our currently marketed products and product candidates, complex and expanding regulatory requirements, and intellectual property protection. See “Item 1. Business” in our Annual Report on Form 10-K for the year ended December 31, 2004 and “Factors That May Affect Amgen” for further information on these economic and industry-wide factors and their impact on our business.

Reimbursement

In the United States, dialysis providers are primarily reimbursed for EPOGEN® by the federal government through the End Stage Renal Disease Program (“ESRD Program”) of Medicare. The ESRD Program reimburses approved providers for 80% of allowed dialysis costs; the remainder is paid by other sources, including patients, state Medicaid programs, private insurance, and to a lesser extent, state kidney patient programs. The ESRD Program reimbursement rate is established by federal law and is monitored and implemented by the Centers for Medicare & Medicaid Services (“CMS”). Most patients receiving Aranesp®, Neulasta®, and NEUPOGEN® for approved indications are covered by both government and private payer health care programs. Therefore, sales of Aranesp®, Neulasta®, and NEUPOGEN® are dependent, in part, on the availability and extent of reimbursement from third-party payers, including governments and private insurance plans. Primary reimbursement for ENBREL® is obtained from private payers. Generally, worldwide use of our products may be affected by cost containment pressures from governments and private insurers on health care providers in response to ongoing initiatives to reduce health care expenditures (see “MD&A – Factors That May Affect Amgen — Our sales depend on payment and reimbursement from third-party payers, and, to the extent that reimbursement for our products is reduced, this could negatively impact the utilization of our products.”)

The Medicare Prescription Drug Improvement and Modernization Act (or the “Medicare Modernization Act” (“MMA”)) was enacted into law in December 2003. For the first half of 2005, we believe that our product sales were not significantly impacted by the reimbursement changes resulting from the MMA. We believe this was, in part, due to the effects of CMS’s oncology demonstration project (the “Demonstration Project”) on sales of our products used in supportive cancer care, especially Aranesp®. Furthermore, we believe this was also, in part, due to increased reimbursement rates to physicians from CMS for services associated with drug administration. The Demonstration Project, which provides financial incentives to physicians for collecting and reporting oncology patient survey data, is currently scheduled to expire on December 31, 2005. However, we expect that during the remainder of 2005, reimbursement changes resulting from the MMA could negatively affect product sales of some of our marketed products.

The main components of the MMA that affect our currently marketed products are as follows:

- Through 2004 the Average Wholesale Price (AWP) mechanism was the basis of Medicare Part B payment for covered outpatient drugs and biologics. Effective January 1, 2005, in the physician clinic market segment, Aranesp®, Neulasta® and NEUPOGEN® are being reimbursed under a new Medicare Part B system that reimburses each product at 106% of

its “average sales price” (ASP) (sometimes referred to as “ASP+6%”). ASP is calculated by the manufacturer based on a statutorily defined methodology and submitted to CMS. A product’s ASP is calculated on a quarterly basis and therefore may change each quarter. The ASP in effect for a given quarter (the “Current Period”) is based upon certain historical sales and sales incentive data covering a statutorily defined period of time preceding the Current Period. For example, the ASP for Aranesp® that we submit for the fourth quarter of 2005 will be based on certain historical sales and sales incentive data for Aranesp® from July 1, 2004 through June 30, 2005. CMS publishes the ASPs for products in advance of the quarter in which they go into effect. The first second and third quarter 2005 reimbursement rates for Aranesp®, Neulasta®, and NEUPOGEN® (calculated at 106% of the ASPs), are lower than our 2004 reimbursement rates as the ASP methodology incorporates lagged sales incentives offered to healthcare providers. We expect that the ASPs for our products will trend downward throughout 2005, and we expect it will be towards the end of 2005 before our ASPs stabilize.

- Per the MMA, physicians in this market segment will have the choice between purchasing and billing for drugs under the ASP+6% system or obtaining drugs from vendors selected by CMS under the “competitive acquisition program” (CAP). Physicians who select to obtain drugs from CAP will no longer purchase or obtain reimbursement directly for such drugs. CMS issued an interim final rule related to CAP at the end of June of 2005. On August 3, 2005, CMS announced that it expects to publish a final rule in late 2005 and that drugs will first be delivered through the CAP by July 2006. Based on the interim final rule for CAP as proposed, we do not anticipate widespread adoption of this system initially. However, because we cannot fully predict how many physicians will select to obtain drugs from CAP, and because this is not a final rule, we cannot predict the full impact of the CAP on our business. While the rule does not provide the CAP vendors with the ability to utilize formularies, discounts to CAP vendors are included in the calculation of ASPs and therefore has the potential to impact the ASPs for certain of our products.
- The Medicare hospital outpatient prospective payment system (OPPS), which determines payment rates for specified covered outpatient drugs and biologics in the hospital outpatient setting, will continue to utilize AWP as the basis for reimbursement in 2005. CMS’ 2005 reimbursement rate, as in 2003 and 2004, continued the application of an “equitable adjustment” such that the 2005 Aranesp® reimbursement rate is based on the AWP of PROCRIIT®. For 2005 the reimbursement rate for Aranesp® is 83% of the AWP for PROCRIIT®, down from 88% of the AWP for PROCRIIT® in 2004, with a dose conversion ratio of 330 U PROCRIIT® to 1 mcg Aranesp®, the same ratio as 2004. Effective January 1, 2006, the OPPS system will change from an AWP based reimbursement system to a system based on “average acquisition cost”. This change will affect Aranesp®, Neulasta® and NEUPOGEN® when administered in the hospital outpatient setting. In July 2005, CMS released its draft OPPS rule for 2006. This rule recommended removing the equitable adjustment for Aranesp®, as well as basing reimbursement for non-pass through products such as Aranesp® on an ASP plus 6% (based upon the ASP for the second quarter of 2005) and an additional 2% added for pharmacy handling costs. CMS is soliciting public comments on these recommendations, and we expect that the final rule will not be issued until October 2005.
- Pursuant to final rules issued by CMS on November 3, 2004, Medicare reimbursement for EPOGEN® used in the dialysis setting for calendar year 2005 has been changed from the previous rate of \$10 per 1,000 Units to \$9.76 per 1,000 Units, a rate based upon an average

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acquisition cost for 2003 determined by the Office of the Inspector General (OIG) and adjusted for price inflation based on the Producer Price Index for pharmaceutical products. Pursuant to the CMS final rules, the difference between the 2004 reimbursement rates for all drugs separately billed outside the dialysis composite rate (including EPOGEN®) and the 2005 reimbursement rates for such drugs has been added to the composite rate that dialysis providers receive for dialysis treatment. Again in 2006, the EPOGEN® rate may change, as the MMA provided for discretion in either continuing to pay for these separately reimbursed dialysis drugs at acquisition cost, or switching to an ASP based system. The payment rate for dialysis drugs not studied by the OIG, including Aranesp®, is ASP+6% in 2005, and could remain at this rate in 2006.

- On August 1, 2005 CMS released the 2006 Medicare Physician Fee Schedule/ESRD Payment Proposed Rule. We are currently in the process of evaluating this proposed rule. As a result, as of the date of this filing, we cannot predict the potential full impact of this proposed rule on our business. This proposed rule recommends changing the payment mechanism for separately reimbursed dialysis drugs, including EPOGEN®, from the current acquisition cost approach to ASP+6. Based on our preliminary evaluation, the proposed rule appears to reduce reimbursement in a number of areas including certain drug administration fees. The comment period for this proposed rule ends September 30, 2005.
- We believe that beginning on January 1, 2006, ENBREL®, Sensipar®, and Kineret® will be covered by the MMA-mandated Medicare outpatient prescription drug benefit (also known as “Part D”). With the exception of a Part D demonstration project that CMS is conducting in 2004-2005 that will, among other things, provide reimbursement for ENBREL® for certain Medicare beneficiary participants, Medicare currently does not cover prescriptions for ENBREL®, Sensipar®, and Kineret®.

With the exception of the Part D prescription drug benefit, we believe these changes driven by the MMA are lowering the 2005 reimbursement rate for all areas in which CMS provides reimbursement for EPOGEN®, Aranesp®, Neulasta® and NEUPOGEN®. However, because we cannot predict the impact of any such changes on how, or under what circumstances, healthcare providers will prescribe or administer our products, as of the date of this filing, we cannot predict the full impact of the MMA on our business; however, it could be negative.

In addition, on July 8, 2004, CMS released a proposed revision to the Hematocrit Measurement Audit Program Memorandum (HMA-PM), a Medicare payment review mechanism used by CMS to audit EPOGEN® utilization and appropriate hematocrit outcomes of dialysis patients. The proposed policy would not permit reimbursement for EPOGEN® in the following circumstances without medical justification: EPOGEN® doses greater than 40,000 Units per month in a patient with a hemoglobin greater than 13 grams per deciliter or doses greater than 20,000 Units per month in a patient with hemoglobin greater than 14 grams per deciliter. As of the date of this filing, the comment period for the proposed revision has expired and no final program memorandum has been issued. If the proposed revision, which has not yet been finalized, is adopted as the final form, it could result in a reduction in utilization of EPOGEN®. We and the nephrology community have provided public comment based on data analysis suggesting that the proposed revision to the HMA-PM is unwarranted. The nephrology community has worked closely with CMS in response to the draft policy to develop consensus recommendations for a new policy that is focused on appropriate EPOGEN® utilization rather than EPOGEN® dose or hemoglobin levels. It is possible that CMS may

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adopt all or some aspects of the consensus recommendations when issuing a final policy. Although the proposed revision was scheduled to go into effect as early as January 1, 2005, it is unclear as to when it may be implemented but we believe that implementation would be no earlier than January 2006. Given the importance of EPOGEN® utilization for maintaining the quality of care for dialysis patients, the precise impact of such a change on provider utilization remains unclear.

Our product sales are and will be affected by government and private payer reimbursement policies. Reduction in reimbursement for our products could have a material adverse effect on our results of operations.

Results of Operations

Product sales

For the three and six months ended June 30, 2005 and 2004, total product sales by geographic region were as follows (amounts in millions):

	Three months ended June 30,			Six months ended June 30,		
	2005	2004	Change	2005	2004	Change
Total U.S.	\$2,532	\$2,007	26%	\$4,763	\$3,825	25%
Total International	540	424	27%	1,044	814	28%
Total product sales	<u>\$3,072</u>	<u>\$2,431</u>	<u>26%</u>	<u>\$5,807</u>	<u>\$4,639</u>	<u>25%</u>

Product sales are influenced by a number of factors, including demand, third-party reimbursement availability and policies, pricing strategies, wholesaler and end-user inventory management practices, foreign exchange effects, new product launches and indications, competitive products, product supply, and acquisitions.

Sales growth was principally driven by demand for Aranesp®, ENBREL®, and Neulasta®. U.S. sales for Aranesp® and Neulasta® were impacted by higher sales incentives earned by customers under performance-based contracts. International product sales growth for the three and six months ended June 30, 2005 benefited by approximately \$31 million and \$59 million, respectively, from foreign currency exchange rate changes.

In the near term, we expect sales growth to continue to be driven primarily by Aranesp®, ENBREL®, and Neulasta®. For the first half of 2005, we believe that our product sales were not significantly impacted by the reimbursement changes resulting from the MMA. We believe this was, in part, due to the effects of CMS's oncology demonstration project (the "Demonstration Project") on sales of our products used in supportive cancer care, especially Aranesp®. Furthermore, we believe this was also, in part, due to increased reimbursement rates to physicians from CMS for services associated with drug administration. The Demonstration Project, which provides financial incentives to physicians for collecting and reporting oncology patient survey data, is currently scheduled to expire on December 31, 2005. However, we expect that during the remainder of 2005, reimbursement changes resulting from the MMA could negatively affect product sales of some of our marketed products. Further, reimbursement changes could impact sequential sales growth and historical sales trends (see "Reimbursement" above).

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Aranesp®

(Amounts in millions)

	Three months ended June 30,			Six months ended June 30,		
	2005	2004	Change	2005	2004	Change
Aranesp® — U.S.	\$536	\$380	41%	\$ 983	\$ 710	38%
Aranesp® — International	301	237	27%	577	450	28%
Total Aranesp®	<u>\$837</u>	<u>\$617</u>	<u>36%</u>	<u>\$1,560</u>	<u>\$1,160</u>	<u>34%</u>

The increase in U.S. Aranesp® sales for the three and six months ended June 30, 2005 was primarily driven by demand which benefited from market share gains in both oncology and nephrology and to a lesser extent market growth. Sales growth was impacted by higher incentives earned by customers attaining higher sales volumes and growth under performance-based contracts. The increase in international Aranesp® sales was principally driven by demand, and to a lesser extent, favorable changes in foreign currency exchange rates. International Aranesp® sales growth for the three and six months ended June 30, 2005, benefited by \$17 million and \$31 million, respectively, from foreign currency exchange rate changes.

We believe future worldwide Aranesp® sales growth will be dependent, in part, on such factors as: reimbursement by third-party payers (including governments and private insurance plans) (see “Factors That May Affect Amgen – Our sales depend on payment and reimbursement from third-party payers, and, to the extent that reimbursement for our products is reduced, this could negatively impact the utilization of our products.”); cost containment pressures from governments and private insurers on health care providers; governmental or private organization regulations or guidelines relating to the use of our products; government programs such as the Demonstration Project; penetration of new and existing markets; patient population growth; the effects of pricing strategies; competitive products or therapies, including follow-on biologic products in Europe; the development of new treatments for cancer; and changes in foreign currency exchange rates. Also, we believe that U.S. sales for the remainder of 2005 could be negatively impacted as we expect that the ASPs for Aranesp® will trend downward throughout 2005. We expect it will be towards the end of 2005 before our ASPs for Aranesp® stabilize.

EPOGEN®

(Amounts in millions)

	Three months ended June 30,			Six months ended June 30,		
	2005	2004	Change	2005	2004	Change
EPOGEN® — U.S.	\$647	\$633	2%	\$1,230	\$1,223	1%

The growth in reported EPOGEN® sales for the three months ended June 30, 2005 was primarily due to changes in wholesaler inventory levels and to a lesser extent, a favorable revised estimate of dialysis demand for prior quarters. This revised estimate of demand is primarily spillover (See Note 1, “Summary of significant accounting policies – Product sales” to the Condensed Consolidated Financial Statements). This increase was partially offset by a mid-single digit decline in

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demand, impacted by higher sales incentives provided to customers and increased usage of Aranesp® in dialysis.

For the six months ended June 30, 2005, growth was primarily due to changes in wholesaler inventory levels. Demand was comparable to the six months ended June 30, 2004, reflecting an increase in dialysis purchases offset by the impact of higher sales incentives provided to customers, both of which were in the mid-single digits. Demand was also impacted by increased usage of Aranesp® in dialysis.

Patients receiving treatment for anemia associated with end stage renal disease with EPOGEN® are covered primarily under medical programs provided by the federal government. We believe EPOGEN® sales growth will primarily depend on dialysis patient population growth and changes in reimbursement rates or a change in the basis for reimbursement by the federal government (see “Factors That May Affect Amgen – Our sales depend on payment and reimbursement from third-party payers, and, to the extent that reimbursement for our products is reduced, this could negatively impact the utilization of our products.”). We believe EPOGEN® sales growth will also be dependent, in part, on future governmental or private organization regulations or guidelines relating to the use of our products, cost containment pressures from the federal government on health care providers and the effects of pricing strategies. Further, EPOGEN® sales have been and may continue to be impacted by Aranesp® in the United States as some health care providers use Aranesp® to treat anemia associated with chronic renal failure instead of EPOGEN®. To the extent that future changes in reimbursement and/or our pricing strategies impact these products, we could experience further usage of Aranesp® for the treatment of anemia associated with chronic renal failure for patients who are on dialysis.

Neulasta®/NEUPOGEN®

(Amounts in millions)

	Three months ended June 30,			Six months ended June 30,		
	2005	2004	Change	2005	2004	Change
Neulasta® — U.S.	\$490	\$362	35%	\$ 906	\$ 698	30%
Neulasta® — International	97	64	52%	182	123	48%
Neulasta® — Total	587	426	38%	1,088	821	33%
NEUPOGEN® — U.S.	208	195	7%	390	367	6%
NEUPOGEN® — International	104	100	4%	216	197	10%
NEUPOGEN® — Total	312	295	6%	606	564	7%
Total Neulasta®/NEUPOGEN®	\$899	\$721	25%	\$1,694	\$1,385	22%

The increase in combined worldwide Neulasta®/NEUPOGEN® sales for the three and six months ended June 30, 2005 was driven primarily by demand for Neulasta® and to a lesser extent, changes in wholesaler inventory levels, primarily relating to Neulasta® sales in the United States. Sales growth was impacted by higher incentives earned by customers attaining higher sales volumes and growth under performance-based contracts for U.S. Neulasta® sales. Combined international Neulasta®/NEUPOGEN® sales growth for the three and six months ended June 30, 2005, benefited by \$11 million and \$23 million, respectively, from foreign currency exchange rate changes.

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We believe future worldwide Neulasta®/NEUPOGEN® sales growth will be dependent, in part, on such factors as: reimbursement by third-party payers (including governments and private insurance plans) (see “Factors That May Affect Amgen – Our sales depend on payment and reimbursement from third-party payers, and, to the extent that reimbursement for our products is reduced, this could negatively impact the utilization of our products.”); cost containment pressures from governments and private insurers on health care providers; governmental or private organization regulations or guidelines relating to the use of our products; government programs such as the Demonstration Project; penetration of existing markets; patient population growth; the effects of pricing strategies; competitive products or therapies, including follow-on biologic products in Europe; the development of new treatments for cancer; and changes in foreign currency exchange rates. Future chemotherapy treatments that are less myelosuppressive may require less Neulasta®/NEUPOGEN®, however, other future chemotherapy treatments that are more myelosuppressive, such as dose dense chemotherapy, could require more Neulasta®/NEUPOGEN®. NEUPOGEN® competes with Neulasta® in the United States and Europe. U.S. NEUPOGEN® sales have been adversely impacted by conversion to Neulasta®. However, we believe that most of the conversion in the United States has occurred. We believe that we are experiencing conversion of NEUPOGEN® patients to Neulasta® in Europe, but we believe that this conversion will occur to a lesser extent than that experienced in the United States. However, we cannot accurately predict the rate or timing of future conversion of NEUPOGEN® patients to Neulasta® in Europe. Also, we believe that U.S. Neulasta®/NEUPOGEN® sales for the remainder of 2005 could be negatively impacted as we expect their ASPs will trend downward throughout 2005. We expect it will be towards the end of 2005 before our ASPs for U.S. Neulasta®/NEUPOGEN® stabilize.

ENBREL®

(Amounts in millions)

	Three months ended June 30,			Six months ended June 30,		
	2005	2004	Change	2005	2004	Change
ENBREL® — U.S.	\$614	\$423	45%	\$1,184	\$805	47%
ENBREL® — International	25	17	47%	47	32	47%
Total ENBREL®	<u>\$639</u>	<u>\$440</u>	<u>45%</u>	<u>\$1,231</u>	<u>\$837</u>	<u>47%</u>

ENBREL® sales growth for the three and six months ended June 30, 2005 was driven by demand, benefiting from ENBREL®’s competitive profile and significant growth of biologics in the rheumatology and dermatology markets. In the dermatology market, ENBREL® sales have grown significantly since its approval for moderate to severe psoriasis in April of 2004.

We believe that future ENBREL® sales growth will be dependent, in part, on such factors as: the effects of competing products or therapies; penetration of existing and new markets, including potential new indications; the availability and extent of reimbursement by government and third-party payers; governmental or private organization regulations or guidelines relating to the use of our products (see “Factors That May Affect Amgen – Our sales depend on payment and reimbursement from third-party payers, and, to the extent that reimbursement for our products is reduced, this could negatively impact the utilization of our products”); and limits on the current supply of and sources of ENBREL® (see “Factors That May Affect Amgen – Limits on supply for ENBREL® may constrain ENBREL® sales”).

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Selected operating expenses

The following table summarizes selected operating expenses (amounts in millions):

	Three months ended June 30,		Six months ended June 30,	
	2005	2004	2005	2004
Product sales	\$3,072	\$2,431	\$5,807	\$4,639
Operating expenses:				
Cost of sales (excludes amortization of acquired intangible assets)	\$ 530	\$ 435	\$1,019	\$ 809
% of product sales	17%	18%	18%	17%
Research and development	\$ 567	\$ 468	\$1,091	\$ 909
% of product sales	18%	19%	19%	20%
Selling, general and administrative	\$ 646	\$ 591	\$1,223	\$1,107
% of product sales	21%	24%	21%	24%

Cost of sales

Cost of sales, which excludes the amortization of acquired intangible assets (see “Condensed Consolidated Statements of Operations”), increased 22% and 26% for the three and six months ended June 30, 2005, respectively, primarily due to higher sales volumes. Costs of sales as a percentage of product sales was comparable to the three and six months ended June 30, 2004.

Research and development

R&D expenses are primarily comprised of salaries and benefits associated with R&D personnel, overhead and occupancy costs, clinical trial and related clinical manufacturing costs, contract services, and other outside costs. R&D expenses increased 21% and 20% for the three and six months ended June 30, 2005, respectively, primarily driven by higher staff-related costs including the addition of R&D personnel from Tularik, and to a lesser extent, higher costs relating to key clinical trials and clinical manufacturing, including the ramp up of large-scale phase 3 trials for AMG 162, Amgen’s investigational therapy for bone loss. During the three months ended June 30, 2005, staff-related costs and clinical trial and clinical manufacturing costs increased approximately \$54 million and \$49 million, respectively. During the six months ended June 30, 2005, staff-related costs and clinical trial and clinical manufacturing costs increased approximately \$96 million and \$76 million, respectively. In 2005, we expect our R&D expenses to increase primarily due to higher clinical manufacturing, clinical trial, and staff-related costs, including the addition of R&D personnel from Tularik, to support our development efforts for AMG 162 and other product candidates as compared to 2004.

Selling, general and administrative

Selling, general and administrative (“SG&A”) expenses are primarily comprised of salaries and benefits associated with sales and marketing, finance, legal, and other administrative personnel; outside marketing expenses; overhead and occupancy costs; and other general and administrative costs. SG&A increased 9% and 10% for the three and six months ended June 30, 2005, respectively, primarily due to higher staff-related expenses and higher outside marketing expenses in support of

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our key products. Outside marketing expenses include the Wyeth profit share related to ENBREL®, which has increased due to ENBREL® sales growth. During the three months ended June 30, 2005, outside marketing expenses and staff-related costs increased approximately \$43 million and \$41 million, respectively. During the six months ended June 30, 2005, outside marketing expenses and staff-related costs increased approximately \$99 million and \$36 million, respectively. The three and six month increases in outside marketing and staff-related expenses were partially offset by higher earnings from our affiliates, primarily Kirin-Amgen, Inc. (see Note 2, “Related party transactions”, to the Condensed Consolidated Financial Statements for further information.) For the remainder of 2005, we expect our SG&A expenses to increase, compared to the first half of 2005, primarily due to continued support of our marketed products including higher Wyeth profit share expense due to expected ENBREL® sales growth. Furthermore, SG&A expense as a percentage of product sales is expected to be higher in the second half of 2005, than that of the first half of 2005. However we have seen and expect to continue to see some leveraging of our 2004 SG&A spending during 2005.

Legal settlements

During the three months ended June 30, 2005, we settled certain legal matters, primarily related to a patent legal proceeding, and recorded an expense of \$49 million, net of amounts previously accrued.

Income taxes

Our effective tax rates for the three and six months ended June 30, 2005 were 20.8% and 23.0%, respectively, compared with 26.4% and 26.8%, respectively, for the same periods last year. Our effective tax rates for the three and six months ended June 30, 2005 have decreased primarily due to favorable resolution of prior year foreign tax credit claims and research and development tax credits with the Internal Revenue Service (“IRS”) and an increase in indefinitely reinvested earnings of our foreign operations. The favorable impact of prior year tax matters amounted to approximately \$47 million, or \$0.04 per diluted share, for the three months ended June 30, 2005. For the remainder of 2005, the effective tax rate is expected to be slightly lower than our first quarter 2005 rate of 25.5%.

We do not provide for U.S. income taxes on undistributed earnings of our controlled foreign corporations that are intended to be reinvested indefinitely outside the United States.

On October 22, 2004, the President of the United States signed the American Jobs Creation Act of 2004 (the “Jobs Act”), which provides a temporary incentive to repatriate undistributed foreign earnings. There are uncertainties that remain as to how to interpret certain provisions in the Jobs Act. As such, we are still evaluating the repatriation provisions of the Jobs Act and our 2005 second quarter results of operations do not reflect any impact relating to such repatriation provisions. We expect to complete our evaluation within a reasonable period of time following the publication of additional guidance by the IRS.

See Note 3, “Income taxes”, to the Condensed Consolidated Financial Statements for further discussion.

Financial Condition, Liquidity and Capital Resources

The following table summarizes selected financial data (amounts in millions):

	June 30, 2005	December 31, 2004
Cash, cash equivalents, and marketable securities	\$ 4,440	\$ 5,808
Total assets	28,038	29,221
Current debt	1,749	1,173
Non-current debt	2,198	3,937
Stockholders' equity	19,581	19,705

We believe that existing funds, cash generated from operations, and existing sources of and access to financing are adequate to satisfy our working capital, capital expenditure and debt service requirements for the foreseeable future, as well as to support our stock repurchase program. However, in order to provide for greater financial flexibility and liquidity, we may raise additional capital from time to time.

Cash, cash equivalents, and marketable securities

Of the total cash, cash equivalents, and marketable securities at June 30, 2005, approximately \$2.6 billion represents cash generated from operations in foreign tax jurisdictions and is intended for use outside the United States. If these funds are repatriated for use in our U.S. operations, additional taxes on certain of these amounts would be required to be paid. Based on our preliminary analysis to date, we are limited under the Jobs Act to repatriate up to \$500 million in foreign profits. See "Results of Operations — Income taxes" for further discussion.

Financing arrangements

As of June 30, 2005 we had convertible notes (30-year, zero-coupon senior convertible notes) with an accreted value of \$1.7 billion outstanding and having an aggregate face amount of \$2.36 billion and yield to maturity of 1.125%. The holders of the convertible notes may require us to purchase all or a portion of their notes on various dates (the "Put Option"), the earliest of which is March 1, 2006, at a price equal to the original issuance price plus the accrued original issue discount to the purchase dates. Accordingly, the convertible notes were classified as current in the accompanying Condensed Consolidated Balance Sheet as of June 30, 2005. Holders of the convertible notes may convert each of their notes according to the terms as outlined in Note 4, "Financing arrangements." In the event the holders of the convertible notes exercise their Put Option or elect to convert their convertible notes, we are required to pay substantially all the accreted value in cash. Moody's and Standard & Poor's rate our outstanding convertible notes A2 and A+, respectively.

As of June 30, 2005 we had \$2 billion of long-term senior notes outstanding. These long-term senior notes consisted of: 1) \$1 billion of senior notes that bear interest at a fixed rate of 4.0% and mature in 2009, and 2) \$1 billion of senior notes that bear interest at a fixed rate of 4.85% and mature in 2014. Moody's and Standard & Poor's rate our outstanding long-term senior notes A2 and A+, respectively.

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As of June 30, 2005, we had \$200 million of additional long-term debt securities outstanding. These long-term debt securities consisted of: 1) \$100 million of debt securities that bear interest at a fixed rate of 6.5% and mature in 2007 under a \$500 million debt shelf registration (the “\$500 Million Shelf”), and 2) \$100 million of debt securities that bear interest at a fixed rate of 8.1% and mature in 2097. Our outstanding long-term debt is rated A2 by Moody’s and A+ by Standard & Poor’s. Under the \$500 Million Shelf, all of the remaining \$400 million of debt securities available for issuance may be offered from time to time under our medium-term note program with terms to be determined at the time of issuance.

We have a \$1.0 billion five-year unsecured revolving credit facility to be used for general corporate purposes, including commercial paper support. Additionally, we have a commercial paper program, which provides for unsecured, short-term borrowings of up to an aggregate of \$1.2 billion. No amounts were outstanding under the credit facility or commercial paper program as of June 30, 2005.

We have a \$1.0 billion shelf registration (the “\$1 Billion Shelf”) which allows us to issue debt securities, common stock, and associated preferred share purchase rights, preferred stock, warrants to purchase debt securities, common stock or preferred stock, securities purchase contracts, securities purchase units and depositary shares. The \$1 Billion Shelf was established to provide for further financial flexibility and the securities available for issuance may be offered from time to time with terms to be determined at the time of issuance. As of June 30, 2005, no securities had been issued under the \$1 Billion Shelf.

Certain of our financing arrangements contain non-financial covenants and as of June 30, 2005, we are in compliance with all applicable covenants.

Cash flows

The following table summarizes our cash flow activity (amounts in millions):

	Six months ended June 30,	
	2005	2004
Net cash provided by operating activities	\$ 2,340	\$ 1,514
Net cash provided by investing activities	1,104	822
Net cash used in financing activities	(3,349)	(1,456)

Operating

Cash provided by operating activities has been and is expected to continue to be our primary recurring source of funds. The increase in cash provided by operating activities during the six months ended June 30, 2005 resulted primarily from higher cash receipts from customers driven by the growth in product sales and timing differences of cash payments relating to our tax and other accrued liabilities. (See Condensed Consolidated Statements of Cash Flows).

Investing

Capital expenditures totaled \$403 million during the six months ended June 30, 2005, compared with \$742 million during the same period last year. The decrease in capital expenditures

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during the six months ended June 30, 2005 is primarily due to lower expenditures relating to the new ENBREL® manufacturing plant in Rhode Island, which has been completed and is awaiting final FDA approval. These capital expenditures were more than offset by net proceeds from maturities and sales of marketable securities of \$1,463 million during the six months ended June 30, 2005.

We currently estimate 2005 spending on capital projects and equipment to be \$1.1 billion, an amount slightly less than our 2004 expenditures. The most significant of these expenditures are expected to relate to the Puerto Rico manufacturing and the Thousand Oaks site expansions.

Financing

During the six months ended June 30, 2005 and 2004, we repurchased 39 million and 27 million shares of our common stock, respectively, at a total cost of \$2,425 million and \$1,650 million, respectively. As of June 30, 2005, we had \$3,544 million available for stock repurchases under our stock repurchase program authorized by the Board of Directors. The amount we spend and the number of shares repurchased varies based on a variety of factors including the stock price and blackout periods in which we are restricted from repurchasing shares. Repurchases under our stock repurchase programs have reflected, in part, our confidence in the long-term value of Amgen common stock.

See Part II – Other Information, Item 2. Changes in Securities, Use of Proceeds and Issuer Purchases of Equity Securities for additional information regarding our stock repurchase program.

On March 2, 2005, as a result of certain holders of the Convertible Notes exercising their March 1, 2005 Put Option, we repurchased \$1.59 billion aggregate principal amount of Convertible Notes at their then-accreted value for \$1,175 million in cash, or approximately 40%, of the outstanding Convertible Notes.

We receive cash from the exercise of employee stock options and proceeds from the sale of stock pursuant to the employee stock purchase plan. Employee stock option exercises and proceeds from the sale of stock by us pursuant to the employee stock purchase plans provided \$270 million and \$195 million of cash during the six months ended June 30, 2005 and 2004, respectively. Proceeds from the exercise of employee stock options will vary from period to period based upon, among other factors, fluctuations in the market value of our stock relative to the exercise price of such options.

Factors that may affect Amgen

The following items are representative of the risks, uncertainties, and assumptions that could affect the outcome of the forward looking statements.

Our sales depend on payment and reimbursement from third-party payers, and, to the extent that reimbursement for our products is reduced, this could negatively impact the utilization of our products.

In both domestic and foreign markets, sales of our products are dependent, in part, on the availability of reimbursement from third-party payers such as state and federal governments, under programs such as Medicare and Medicaid in the United States, and private insurance plans. In certain foreign markets, the pricing and profitability of our products generally are subject to government controls. In the United States, there have been, there are, and we expect there will continue to be, a number of state and federal laws and/or regulations, or in some cases draft legislation or regulations that could limit the amount that state or federal governments will pay to reimburse the cost of pharmaceutical and biologic products. For example, the Medicare Prescription Drug, Improvement and Modernization Act (or the Medicare Modernization Act (MMA)) was enacted into law in December 2003. In addition, we believe that private insurers, such as managed care organizations, may adopt their own reimbursement reductions in response to legislation or regulations, including, without limitation, the MMA. For the first half of 2005, we believe that our product sales were not significantly impacted by the reimbursement changes resulting from the MMA. We believe this was, in part, due to the effects of CMS's oncology demonstration project (the "Demonstration Project") on sales of our products used in supportive cancer care, especially Aranesp®. Furthermore, we believe this was also, in part, due to increased reimbursement rates to physicians from CMS for services associated with drug administration. The Demonstration Project, which provides financial incentives to physicians for collecting and reporting oncology patient survey data, is currently scheduled to expire on December 31, 2005. However, we expect that during the remainder of 2005, reimbursement changes resulting from the MMA could negatively affect product sales of some of our marketed products.

The main components of the MMA that affect our currently marketed products are as follows:

- Through 2004 the Average Wholesale Price (AWP) mechanism was the basis of Medicare Part B payment for covered outpatient drugs and biologics. Effective January 1, 2005, in the physician clinic market segment, Aranesp®, Neulasta® and NEUPOGEN® are being reimbursed under a new Medicare Part B system that reimburses each product at 106% of its "average sales price" (ASP) (sometimes referred to as "ASP+6%"). ASP is calculated by the manufacturer based on a statutorily defined methodology and submitted to CMS. A product's ASP is calculated on a quarterly basis and therefore may change each quarter. The ASP in effect for a given quarter (the "Current Period") is based upon certain historical sales and sales incentive data covering a statutorily defined period of time preceding the Current Period. For example, the ASP for Aranesp® that we submit for the fourth quarter of 2005 will be based on certain historical sales and sales incentive data for Aranesp® from July 1, 2004 through June 30, 2005. CMS publishes the ASPs for products in advance of the quarter in which they go into effect. The first second and third quarter 2005 reimbursement rates for Aranesp®, Neulasta®, and NEUPOGEN® (calculated at 106% of the ASPs), are lower than our 2004 reimbursement rates as the ASP methodology incorporates lagged sales incentives offered to healthcare providers. We expect that the

ASPs for our products will trend downward throughout 2005, and we expect it will be towards the end of 2005 before our ASPs stabilize.

- Per the MMA, physicians in this market segment will have the choice between purchasing and billing for drugs under the ASP+6% system or obtaining drugs from vendors selected by CMS under the “competitive acquisition program” (CAP). Physicians who select to obtain drugs from CAP will no longer purchase or obtain reimbursement directly for such drugs. CMS issued an interim final rule related to CAP at the end of June of 2005. On August 3, 2005, CMS announced that it expects to publish a final rule in late 2005 and that drugs will first be delivered through the CAP by July 2006. Based on the interim final rule for CAP as proposed, we do not anticipate widespread adoption of this system initially. However, because we cannot fully predict how many physicians will select to obtain drugs from CAP, and because this is not a final rule, we cannot predict the full impact of the CAP on our business. While the rule does not provide the CAP vendors with the ability to utilize formularies, discounts to CAP vendors are included in the calculation of ASPs and therefore has the potential to impact the ASPs for certain of our products.
- The Medicare hospital outpatient prospective payment system (OPPS), which determines payment rates for specified covered outpatient drugs and biologics in the hospital outpatient setting, will continue to utilize AWP as the basis for reimbursement in 2005. CMS’ 2005 reimbursement rate, as in 2003 and 2004, continued the application of an “equitable adjustment” such that the 2005 Aranesp® reimbursement rate is based on the AWP of PROCRI®. For 2005 the reimbursement rate for Aranesp® is 83% of the AWP for PROCRI®, down from 88% of the AWP for PROCRI® in 2004, with a dose conversion ratio of 330 U PROCRI® to 1 mcg Aranesp®, the same ratio as 2004. Effective January 1, 2006, the OPPS system will change from an AWP based reimbursement system to a system based on “average acquisition cost”. This change will affect Aranesp®, Neulasta® and NEUPOGEN® when administered in the hospital outpatient setting. In July 2005, CMS released its draft OPPS rule for 2006. This rule recommended removing the equitable adjustment for Aranesp®, as well as basing reimbursement for non-pass through products such as Aranesp® on an ASP plus 6% (based upon the ASP for the second quarter of 2005) and an additional 2% added for pharmacy handling costs. CMS is soliciting public comments on these recommendations, and we expect that the final rule will not be issued until October 2005.
- Pursuant to final rules issued by CMS on November 3, 2004, Medicare reimbursement for EPOGEN® used in the dialysis setting for calendar year 2005 has been changed from the previous rate of \$10 per 1,000 Units to \$9.76 per 1,000 Units, a rate based upon an average acquisition cost for 2003 determined by the Office of the Inspector General (OIG) and adjusted for price inflation based on the Producer Price Index for pharmaceutical products. Pursuant to the CMS final rules, the difference between the 2004 reimbursement rates for all drugs separately billed outside the dialysis composite rate (including EPOGEN®) and the 2005 reimbursement rates for such drugs has been added to the composite rate that dialysis providers receive for dialysis treatment. Again in 2006, the EPOGEN® rate may change, as the MMA provided for discretion in either continuing to pay for these separately reimbursed dialysis drugs at acquisition cost, or switching to an ASP based system. The payment rate for dialysis drugs not studied by the OIG, including Aranesp®, is ASP+6% in 2005, and could remain at this rate in 2006.

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- On August 1, 2005 CMS released the 2006 Medicare Physician Fee Schedule/ESRD Payment Proposed Rule. We are currently in the process of evaluating this proposed rule. As a result, as of the date of this filing, we cannot predict the potential full impact of this proposed rule on our business. This proposed rule recommends changing the payment mechanism for separately reimbursed dialysis drugs, including EPOGEN®, from the current acquisition cost approach to ASP+6. Based on our preliminary evaluation, the proposed rule appears to reduce reimbursement in a number of areas including certain drug administration fees. The comment period for this proposed rule ends September 30, 2005.

We believe these changes driven by the MMA are lowering the 2005 reimbursement rate for all areas in which CMS provides reimbursement for EPOGEN®, Aranesp®, Neulasta® and NEUPOGEN®. However, because we cannot predict the impact of any such changes on how, or under what circumstances, healthcare providers will prescribe or administer our products, as of the date of this filing, we cannot predict the full impact of the MMA on our business; however, it could be negative.

In addition, on July 8, 2004, CMS released a proposed revision to the Hematocrit Measurement Audit Program Memorandum (HMA-PM), a Medicare payment review mechanism used by CMS to audit EPOGEN® utilization and appropriate hematocrit outcomes of dialysis patients. The proposed policy would not permit reimbursement for EPOGEN® in the following circumstances without medical justification: EPOGEN® doses greater than 40,000 Units per month in a patient with a hemoglobin greater than 13 grams per deciliter or doses greater than 20,000 Units per month in a patient with hemoglobin greater than 14 grams per deciliter. As of the date of this filing, the comment period for the proposed revision has expired and no final program memorandum has been issued. If the proposed revision, which has not yet been finalized, is adopted as the final form, it could result in a reduction in utilization of EPOGEN®. We and the nephrology community have provided public comment based on data analysis suggesting that the proposed revision to the HMA-PM is unwarranted. The nephrology community has worked closely with CMS in response to the draft policy to develop consensus recommendations for a new policy that is focused on appropriate EPOGEN® utilization rather than EPOGEN® dose or hemoglobin levels. It is possible that CMS may adopt all or some aspects of the consensus recommendations when issuing a final policy. Although the proposed revision was scheduled to go into effect as early as January 1, 2005, it is unclear as to when it may be implemented but we believe that implementation would be no earlier than January 2006. Given the importance of EPOGEN® utilization for maintaining the quality of care for dialysis patients, the precise impact of such a change on provider utilization remains unclear.

If, and when, reimbursement rates or availability for our marketed products changes adversely or if we fail to obtain adequate reimbursement for our current or future products, health care providers may limit how much or under what circumstances they will prescribe or administer them, which could reduce the use of our products or cause us to reduce the price of our products. This could result in lower product sales or revenues, which could have a material adverse effect on us and our results of operations. For example, in the United States the use of EPOGEN® in connection with treatment for end stage renal disease is funded primarily by the U.S. federal government. In early 1997, CMS, formerly known as Healthcare Financing Administration (HCFA), instituted a reimbursement change for EPOGEN®, which materially and adversely affected our EPOGEN® sales until the policies were revised. Also, we believe the increasing emphasis on cost-containment initiatives in the United States has and will continue to put pressure on the price and usage of our products, which may adversely impact product sales. Further, when a new therapeutic

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product is approved, the governmental and/or private coverage and reimbursement for that product is uncertain. We cannot predict the availability or amount of reimbursement for our approved products or product candidates, including those at a late stage of development, and current reimbursement policies for marketed products may change at any time. Sales of all our products are and will be affected by government and private payer reimbursement policies. Reduction in reimbursement for our products could have a material adverse effect on our results of operations.

Our current products and products in development cannot be sold if we do not maintain regulatory approval.

We and certain of our licensors and partners conduct research, preclinical testing, and clinical trials for our product candidates. In addition, we manufacture and contract manufacture and certain of our licensors and partners manufacture our product candidates. We also manufacture and contract manufacture, price, sell, distribute, and market or co-market our products for their approved indications. These activities are subject to extensive regulation by numerous state and federal governmental authorities in the United States, such as the FDA and CMS, as well as in foreign countries, including Europe. Currently, we are required in the United States and in foreign countries to obtain approval from those countries' regulatory authorities before we can manufacture (or have our third-party manufacturers produce product), market and sell our products in those countries. In our experience, obtaining regulatory approval is costly and takes many years, and after it is obtained, it remains costly to maintain. The FDA and other U.S. and foreign regulatory agencies have substantial authority to terminate clinical trials, require additional testing, delay or withhold registration and marketing approval, require changes in labeling of our products, and mandate product withdrawals. Substantially all of our marketed products are currently approved in the United States and most are approved in Europe and in other foreign countries for specific uses. However, later discovery of unknown problems with our products could result in restrictions on the sale or use of such products, including potential withdrawal of the product from the market. If new medical data suggests an unacceptable safety risk or previously unidentified side-effects, we may voluntarily withdraw, or regulatory authorities may mandate the withdrawal of such product from the market for some period or permanently. We currently manufacture and market all our approved principal products, and we plan to manufacture and market many of our potential products. See “—We may be required to perform additional clinical trials or change the labeling of our products if we or others identify side effects after our products are on the market.” Even though we have obtained regulatory approval for our marketed products, these products and our manufacturing processes are subject to continued review by the FDA and other regulatory authorities. In addition, ENBREL® is manufactured both by us at our Rhode Island manufacturing facility and by third-party contract manufacturers, including Boehringer Ingelheim Pharma KG (“BI Pharma”). Fill and finish of bulk product produced at our Rhode Island manufacturing facility is done by us and third-party service providers. The third-party contract manufacturers and third-party service providers are also subject to FDA regulatory authority. (See “—Limits on supply for ENBREL® may constrain ENBREL® sales.”) In addition, later discovery of unknown problems with our products or manufacturing processes or those of our contract manufacturers or third-party service providers could result in restrictions on the sale, manufacture, or use of such products, including potential withdrawal of the products from the market. If regulatory authorities determine that we or our contract manufacturers or third-party service providers have violated regulations or if they restrict, suspend, or revoke our prior approvals, they could prohibit us from manufacturing or selling our marketed products until we or our contract manufacturers or third-party service providers comply, or indefinitely. In addition, if regulatory authorities determine that we or our licensor or partner conducting research and development activities on our behalf have not complied with regulations in the research and

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development of a product candidate, then they may not approve the product candidate and we will not be able to market and sell it. If we were unable to market and sell our products or product candidates, our business and results of operations would be materially and adversely affected.

If our intellectual property positions are challenged, invalidated, circumvented or expire, or if we fail to prevail in present and future intellectual property litigation, our business could be adversely affected.

The patent positions of pharmaceutical and biotechnology companies can be highly uncertain and often involve complex legal, scientific, and factual questions. To date, there has emerged no consistent policy regarding breadth of claims allowed in such companies' patents. Third parties may challenge, invalidate, or circumvent our patents and patent applications relating to our products, product candidates, and technologies. In addition, our patent positions might not protect us against competitors with similar products or technologies because competing products or technologies may not infringe our patents. For example, Roche is developing a pegylated erythropoietin molecule that, according to Roche's public statements, they expect to bring to the US market despite their acknowledgement of our U.S. erythropoietin patents. For certain of our product candidates, there are third parties who have patents or pending patents that they may claim prevent us from commercializing these product candidates in certain territories. Patent disputes are frequent, costly, and can preclude or delay commercialization of products. We are currently, and in the future may be, involved in patent litigation. For example, we are currently involved in an ongoing patent infringement lawsuit against Transkaryotic Therapies, Inc. ("TKT") and Aventis with respect to our erythropoietin patents. If we lose or settle current or future litigations at certain stages or entirely, we could be: subject to competition and/or significant liabilities; required to enter into third-party licenses for the infringed product or technology; or required to cease using the technology or product in dispute. In addition, we cannot guarantee that such licenses will be available on terms acceptable to us, or at all.

Our success depends in part on our ability to obtain and defend patent rights and other intellectual property rights that are important to the commercialization of our products and product candidates. We have filed applications for a number of patents and have been granted patents or obtained rights relating to erythropoietin, natural and recombinant G-CSF, darbepoetin alfa, pegfilgrastim, etanercept, and our other products and potential products. We market our erythropoietin, recombinant G-CSF, darbepoetin alfa, pegfilgrastim, and etanercept products as EPOGEN®, NEUPOGEN®, Aranesp®, Neulasta®, and ENBREL®, respectively.

<u>Product</u>		<u>General Subject Matter</u>	<u>Expiration</u>
Epoetin alfa	U.S.	—Process of making erythropoietin (issued in 1995 and 1997) —Product claims to erythropoietin (issued in 1996 and 1997) —Pharmaceutical compositions of erythropoietin (issued in 1999) —Cells that make certain levels of erythropoietin (issued in 1998)	8/15/2012 8/20/2013 8/20/2013 5/26/2015
darbepoetin alfa	Europe(1)	—Glycosylation analogs of erythropoietin proteins (issued in 1999) —Glycosylation analogs of erythropoietin proteins (issued in 1997)	10/12/2010 8/16/2014

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<u>Product</u>		<u>General Subject Matter</u>	<u>Expiration</u>
Filgrastim	U.S.	—Methods for recombinant production of G-CSF (issued in 1998)	8/23/2005
		—Analogues of G-CSF (issued in 1999)	8/23/2005
		—Pharmaceutical Compositions Comprising G-CSF (issued in 2002)	8/23/2005
		—DNA, vectors, cells and processes relating to recombinant G-CSF (issued in 1989 and 1991)	3/7/2006
		—G-CSF polypeptides (issued in 1996)	12/3/2013
pegfilgrastim	Europe(1)	—Methods of treatment using G-CSF polypeptides (issued in 1996)	12/10/2013
	U.S.	—G-CSF DNA Vectors, cells, polypeptides, methods of use and production (issued in 1991)	8/22/2006
	Europe(1)	—Pegylated G-CSF (issued in 1998)	10/20/2015
Etanercept	U.S.	—Pegylated G-CSF (issued in 1999)	2/8/2015
	U.S.	—Methods of treating TNF — dependent disease (issued in 2003)	9/5/2009
	U.S.	—TNFR proteins and pharmaceutical compositions (issued in 1999 and 2001)	9/5/2009
		—TNFR DNA vectors, cells and processes for making proteins (issued in 1995 and 2000)	10/23/2012

(1) In some cases these European patents may also be entitled to Supplemental Protection in one or more countries in Europe and the length of any such extension will vary country by country.

We also have been granted or obtained rights to patents in Europe relating to: erythropoietin; G-CSF; pegfilgrastim (pegylated G-CSF); etanercept; two relating to darbepoetin alfa; and hyperglycosylated erythropoietic proteins. Our European patent relating to erythropoietin expired on December 12, 2004 and our European patent relating to G-CSF expires on August 22, 2006. We believe that after the expiration of each of these patents, other companies could receive approval for and market follow-on or biosimilar products to each of these products in Europe; presenting additional competition to our products. (See “Our marketed products face substantial competition and other companies may discover, develop, acquire or commercialize products before or more successfully than we do.”) While we do not market erythropoietin in Europe as this right belongs to Johnson & Johnson (through KA), we do market Aranesp® in the EU, which competes with Johnson & Johnson’s and others’ erythropoietin products. We believe that the EU is currently in the process of developing regulatory guidelines related to the development and approval of biosimilar products. Until such guidelines are finalized, we cannot predict when follow-on or biosimilar products could appear on the market in the EU or to what extent such additional competition would impact future Aranesp® and NEUPOGEN®/Neulasta® sales in the EU. However, based on the process and timing outlined by the European Agency for the Evaluation of Medical Products (EMA), we believe product specific guidelines are not likely to be finalized before 2006. In July 2005, the EMA issued clinical trial guidance for certain biosimilar products including erythropoietins and granulocyte-colony stimulating factors, which guidance recommends that applicants seeking approval of such biosimilar products conduct pharmacodynamic, toxicological, clinical safety studies and a pharmacovigilance program.

Limits on supply for ENBREL® may constrain ENBREL® sales.

U.S. and Canadian supply of ENBREL® is impacted by many manufacturing variables, such as the timing and actual number of production runs, production success rate, bulk drug yield, and the timing and outcome of product quality testing. For example, in the second quarter of 2002, the prior co-marketer with respect to ENBREL®, experienced a brief period where no ENBREL® was available to fill patient prescriptions, primarily due to variation in the expected production yield from BI Pharma. If we are at any time unable to provide an uninterrupted supply of ENBREL® to patients, we may lose patients, physicians may elect to prescribe competing therapeutics instead of ENBREL®, and ENBREL® sales will be adversely affected, which could materially and adversely affect our results of operations. See “—We are dependent on third parties for a significant portion of our supply and the fill and finish of ENBREL®; and our sources of supply are limited.”

We are dependent on third parties for a significant portion of our supply and the fill and finish of ENBREL®; and our sources of supply are limited.

We currently produce a substantial portion of annual ENBREL® supply at our Rhode Island manufacturing facility. However, we also depend on third parties for a significant portion of our ENBREL® supply as well as for the fill and finish of ENBREL® that we manufacture. BI Pharma is our primary third-party manufacturer of ENBREL® bulk drug; accordingly, our U.S. and Canadian supply of ENBREL® is currently significantly dependent on BI Pharma’s production schedule for ENBREL®. We would be unable to produce ENBREL® in sufficient quantities to substantially offset shortages in BI Pharma’s scheduled production if BI Pharma or other third-party manufacturers used for the fill and finish of ENBREL® bulk drug were to cease or interrupt production or services or otherwise fail to supply materials, products, or services to us for any reason, including due to labor shortages or disputes, due to regulatory requirements or action, or due to contamination of product lots or product recalls. This in turn could materially reduce our ability to satisfy demand for ENBREL®, which could materially and adversely affect our operating results. Factors that will affect our actual supply of ENBREL® at any time include, without limitation, the following:

- BI Pharma does not produce ENBREL® continuously; rather, it produces the bulk drug substance through a series of periodic campaigns throughout the year. Our Rhode Island manufacturing facility is currently dedicated to ENBREL® production. The amount of commercial inventory available to us at any time depends on a variety of factors, including the timing and actual number of BI Pharma’s production runs, the actual number of runs at our Rhode Island manufacturing facility, and, for either the Rhode Island or BI Pharma facilities, the level of production yields and success rates, the timing and outcome of product quality testing, and the amount of filling and packaging capacity.
- BI Pharma schedules the vialing production runs for ENBREL® in advance, based on the expected timing and yield of bulk drug production runs. Therefore, if BI Pharma realizes production yields beyond expected levels, or provides additional manufacturing capacity for ENBREL®, it may not have sufficient vialing capacity for all of the ENBREL® bulk drug that it produces. As a result, even if we are able to increase our supply of ENBREL® bulk drug, BI Pharma may not be able to fill and finish the extra bulk drug in time to prevent any supply interruptions.

We are dependent on third parties for some fill and finish and packaging of ENBREL® bulk drug substance manufactured at our Rhode Island facility. If third-party fill and finish and packaging

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manufacturers are unable to provide sufficient capacity or are otherwise unable to provide services to us, then supply of ENBREL® could be adversely affected.

Our current plan to increase U.S. and Canadian supply of ENBREL® includes requiring regulatory approval of an additional large-scale cell culture commercial manufacturing facility adjacent to the current Rhode Island manufacturing facility. We submitted this facility for FDA approval in April 2005. In addition, Wyeth has constructed a new manufacturing facility in Ireland and has filed for licensure by the EMEA. These facilities are expected to increase the U.S. and Canadian supply of ENBREL®. If the additional ENBREL® manufacturing capacity at the Rhode Island site, or in Ireland do not receive FDA or the EMEA approval before we encounter supply constraints, our ENBREL® sales would be restricted, which could have a material adverse effect on our results of operations. (See “—Limits on supply for ENBREL® may constrain ENBREL® sales.”) If these manufacturing facilities are completed and approved by the various regulatory authorities, our costs of acquiring bulk drug may fluctuate.

We formulate, fill and finish substantially all our products at our Puerto Rico manufacturing facility; if significant natural disasters or production failures occur at this facility, we may not be able to supply these products.

We currently perform all of the formulation, fill and finish for EPOGEN®, Aranesp®, NEUPOGEN® and Neulasta® and some formulation, fill and finish operations for ENBREL® at our manufacturing facility in Juncos, Puerto Rico. Our global supply of these products is dependent on the uninterrupted and efficient operation of this facility. Power failures, the breakdown, failure or substandard performance of equipment, the improper installation or operation of equipment, natural or other disasters, including hurricanes, or failures to comply with regulatory requirements, including those of the FDA, among others, could adversely affect our formulation, fill and finish operations. As a result, we may be unable to supply these products, which could adversely and materially affect our product sales. Although we have obtained limited insurance to protect against certain business interruption losses, there can be no assurance that such coverage will be adequate or that such coverage will continue to remain available on acceptable terms, if at all. The extent of the coverage of our insurance could limit our ability to mitigate for lost sales and could result in such losses materially and adversely affecting our operating results.

Our marketed products face substantial competition and other companies may discover, develop, acquire or commercialize products before or more successfully than we do.

We operate in a highly competitive environment. Our products compete with other products or treatments for diseases for which our products may be indicated. For example, ENBREL® competes in certain circumstances with products marketed by Biogen IDEC Inc., Centocor, Inc., Johnson & Johnson, Abbott, Genentech, Pfizer, Novartis, and Sanofi-Aventis, as well as the generic drug methotrexate, and may face competition from other potential therapies being developed. Additionally, Aranesp® competes with products marketed by Johnson & Johnson in the United States and the EU. Further, if our currently marketed products are approved for new uses, or if we sell new products, we may face new, additional competition that we do not face today. Additionally, some of our competitors, including biotechnology and pharmaceutical companies, market products or are actively engaged in research and development in areas where we have products or where we are developing product candidates or new indications for existing products. In the future, we expect that our products will compete with new drugs currently in development, drugs approved for other indications that may be approved for the same indications as those of our products, and off-label use of drugs approved for other indications. Our European patent relating to erythropoietin expired on

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December 12, 2004 and our European patent relating to G-CSF expires on August 22, 2006. We believe that after the expiration of each of these patents, other companies could receive approval for and market follow-on or biosimilar products to each of these products in Europe; presenting additional competition to our products. While we do not market erythropoietin in Europe as this right belongs to Johnson & Johnson (through KA), we do market Aranesp® in the EU, which competes with Johnson & Johnson's and others' erythropoietin products. We believe that the EU is currently in the process of developing regulatory guidelines related to the development and approval of follow-on or biosimilar products. Until such guidelines are finalized, we cannot predict when follow-on or biosimilar products could appear on the market in the EU or to what extent such additional competition would impact future Aranesp® and NEUPOGEN®/Neulasta® sales in the EU. However, based on the process and timing outlined by the EMEA, we believe product specific guidelines are not likely to be finalized before 2006. In July 2005, the EMEA issued clinical trial guidance for certain biosimilar products including erythropoietins and granulocyte-colony stimulating factors, which guidance recommends that applicants seeking approval of such biosimilar products conduct pharmacodynamic, toxicological, clinical safety studies and a pharmacovigilance program. Our products may compete against products that have lower prices, superior performance, are easier to administer, or that are otherwise competitive with our products. Our inability to compete effectively could adversely affect product sales.

Large pharmaceutical corporations may have greater clinical, research, regulatory, manufacturing, marketing, financial experience and human resources than we do. In addition, some of our competitors may have technical or competitive advantages over us for the development of technologies and processes. These resources may make it difficult for us to compete with them to successfully discover, develop, and market new products and for our current products to compete with new products or new product indications that these competitors may bring to market. Business combinations among our competitors may also increase competition and the resources available to our competitors.

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

Certain raw materials necessary for commercial manufacturing and formulation of our products are provided by single-source unaffiliated third-party suppliers. Also, certain medical devices and components necessary for fill, finish, and packaging of our products are provided by single-source unaffiliated third-party suppliers. Certain of these raw materials, medical devices, and components are the proprietary products of these unaffiliated third-party suppliers and, in some cases, such proprietary products are specifically cited in our drug application with the FDA so that they must be obtained from that specific sole source and could not be obtained from another supplier unless and until the FDA approved that other supplier. We would be unable to obtain these raw materials, medical devices, or components 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 satisfy demand for our products, which could materially and adversely affect our operating results.

Also, certain of the raw materials required in the commercial manufacturing and the formulation of our products are derived from biological sources, including mammalian tissues, bovine serum and human serum albumin, or HSA. We are investigating alternatives to certain

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biological sources. Raw materials may be subject to contamination and/or recall. Also, some countries in which we market our products may restrict the use of certain biologically derived substances in the manufacture of drugs. A material shortage, contamination, recall, and/or restriction of the use of certain biologically derived substances in the manufacture of our products could adversely impact or disrupt our commercial manufacturing of our products or could result in a mandated withdrawal of our products from the market. This too, in turn, could adversely affect our ability to satisfy demand for our products, which could materially and adversely affect our operating results.

Our product development efforts may not result in commercial products.

We intend to continue an aggressive research and development program. Successful product development in the biotechnology industry is highly uncertain, and very few research and development projects produce a commercial product. Product candidates that appear promising in the early phases of development, such as in early human clinical trials, may fail to reach the market for a number of reasons, such as:

- the product candidate did not demonstrate acceptable clinical trial results even though it demonstrated positive preclinical trial results
- the product candidate was not effective in treating a specified condition or illness
- the product candidate had harmful side effects in humans or animals
- the necessary regulatory bodies, such as the FDA, did not approve our product candidate for an intended use
- the product candidate was not economical for us to manufacture and commercialize
- other companies or people have or may have proprietary rights to our product candidate, such as patent rights, and will not let us sell it on reasonable terms, or at all
- the product candidate is not cost effective in light of existing therapeutics
- certain of our licensors or partners may fail to effectively conduct clinical development or clinical manufacturing activities

Several of our product candidates have failed or been discontinued at various stages in the product development process, including, but not limited to, Brain Derived Neurotrophic Factor (“BDNF”), Megakaryocyte Growth and Development Factor (“MGDF”), and Glial Cell Lined-Derived Neurotrophic Factor (“GDNF”). For example, in 1997, we announced the failure of BDNF for the treatment of amyotrophic lateral sclerosis, or Lou Gehrig’s Disease, because the product candidate, when administered by injection, did not produce acceptable clinical results for a specific use after a phase 3 trial, even though BDNF had progressed successfully through preclinical and earlier clinical trials. In addition, in 1998, we discontinued development of MGDF, a novel platelet growth factor, at the phase 3 trial stage after several people in platelet donation trials developed low platelet counts and neutralizing antibodies. Also, in June 2004, we announced that the phase 2 study of GDNF for the treatment of advanced Parkinson’s disease did not meet the primary study endpoint upon completion of six months of the double-blind treatment phase of the study even though a small phase

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1 pilot investigator initiated open label study over a three year period appeared to result in improvements for advanced Parkinson's disease patients. Subsequently, in the fall of 2004 we discontinued clinical development of GDNF in patients with advanced Parkinson's disease after several patients in the phase 2 study developed neutralizing antibodies and new preclinical data showed that GDNF caused irreversible damage to the area of the brain critical to movement control and coordination. On February 11, 2005, we confirmed our previous decision to halt clinical trials and, as a part of that decision and based on thorough scientific review, we also concluded that we will not provide GDNF to the 48 patients who participated in clinical trials that were terminated in the fall of 2004. Of course, there may be other factors that prevent us from marketing a product. We cannot guarantee we will be able to produce commercially successful products. Further, clinical trial results are frequently susceptible to varying interpretations by scientists, medical personnel, regulatory personnel, statisticians, and others, which may delay, limit, or prevent further clinical development or regulatory approvals of a product candidate. Also, the length of time that it takes for us to complete clinical trials and obtain regulatory approval for product marketing has in the past varied by product and by the intended use of a product. We expect that this will likely be the case with future product candidates and we cannot predict the length of time to complete necessary clinical trials and obtain regulatory approval. (See "—Our current products and products in development cannot be sold if we do not maintain regulatory approval.")

We may be required to perform additional clinical trials or change the labeling of our products if we or others identify side effects after our products are on the market.

If we or others identify side effects after any of our products are on the market, or if manufacturing problems occur, regulatory approval may be withdrawn and reformulation of our products, additional clinical trials, changes in labeling of our products, and changes to or re-approvals of our manufacturing facilities may be required, any of which could have a material adverse effect on sales of the affected products and on our business and results of operations.

After any of our products are approved for commercial use, we or regulatory bodies could decide, and have in the past decided, that changes to our product labeling are required. Label changes may be necessary for a number of reasons, including: the identification of actual or theoretical safety or efficacy concerns by regulatory agencies, the discovery of significant problems with a similar product that implicates an entire class of products or subsequent concerns about the sufficiency of the data or studies underlying the label. Any significant concerns raised about the safety or efficacy of our products could also result in the need to reformulate those products, to conduct additional clinical trials, to make changes to our manufacturing processes, or to seek re-approval of our manufacturing facilities. Significant concerns about the safety and effectiveness of a product could ultimately lead to the revocation of its marketing approval. The revision of product labeling or the regulatory actions described above could be required even if there is no clearly established connection between the product and the safety or efficacy concerns that have been raised. The revision of product labeling or the regulatory actions described above could have a material adverse effect on sales of the affected products and on our business and results of operations. (See "—Our current products and products in development cannot be sold if we do not maintain regulatory approval.")

Our business may be impacted by government investigations or litigation.

We and certain of our subsidiaries are involved in legal proceedings relating to various patent matters, government investigations, and other legal proceedings that arise from time to time in the

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ordinary course of our business. Matters required to be disclosed by us are set forth in “Item 3. Legal Proceedings” in our Form 10-K for the year ended December 31, 2004 and are updated as required in subsequently filed Form 10-Qs. Litigation is inherently unpredictable, and excessive verdicts can occur. Consequently, it is possible that we could, in the future, incur judgments or enter into settlements of claims for monetary damages that could have a material adverse effect on our results of operations in the period in which such amounts are incurred.

The Federal government, state governments and private payers are investigating, and many have filed actions against, numerous pharmaceutical and biotechnology companies, including Amgen and Immunex, alleging that the reporting of prices for pharmaceutical products has resulted in false and overstated Average Wholesale Price (“AWP”), which in turn is alleged to have improperly inflated the reimbursement paid by Medicare beneficiaries, insurers, state Medicaid programs, medical plans and other payers to health care providers who prescribed and administered those products. As of the date of this filing, a number of these actions have been brought against us and/or Immunex, now a wholly owned subsidiary of ours. Additionally, a number of states have pending investigations regarding our Medicaid drug pricing practices and the U.S. Departments of Justice and Health and Human Services have requested that Immunex produce documents relating to pricing issues. Further, certain state government entity plaintiffs in some of these AWP cases are also alleging that companies, including ours, are not reporting their “best price” to the states under the Medicaid program. These cases and investigations are described in “Item 3. Legal Proceedings — Average Wholesale Price Litigation” in our Form 10-K for the year ended December 31, 2004, and are updated as required in subsequent Form 10-Qs. Other states and agencies could initiate investigations of our pricing practices. A decision adverse to our interests on these actions and/or investigations could result in substantial economic damages and could have a material adverse effect on our results of operations in the period in which such amounts are incurred.

We may be required to defend lawsuits or pay damages for product liability claims.

Product liability is a major risk in testing and marketing biotechnology and pharmaceutical products. We may face substantial product liability exposure in human clinical trials and for products that we sell after regulatory approval. Product liability claims, regardless of their merits, could be costly and divert management’s attention, and adversely affect our reputation and the demand for our products. Amgen and Immunex have been named as defendants in product liability actions for certain company products.

Our operating results may fluctuate, and this fluctuation could cause financial results to be below expectations.

Our operating results may fluctuate from period to period for a number of reasons. In budgeting our operating expenses for the foreseeable future, we assume that revenues will continue to grow; however, some of our operating expenses are fixed in the short term. Because of this, even a relatively small revenue shortfall may cause a period’s results to be below our expectations or projections. A revenue shortfall could arise from any number of factors, some of which we cannot control. For example, we may face:

- changes in the government’s or private payers’ reimbursement policies for our products
- inability to maintain regulatory approval of marketed products or manufacturing facilities

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- changes in our product pricing strategies
- lower than expected demand for our products
- inability to provide adequate supply of our products
- changes in wholesaler buying patterns
- increased competition from new or existing products
- fluctuations in foreign currency exchange rates

Of course, there may be other factors that affect our revenues in any given period. Similarly if investors or the investment community are uncertain about our financial performance for a given period, our stock price could also be adversely impacted.

We have grown rapidly, and if we fail to adequately manage that growth our business could be adversely impacted.

We have had an aggressive growth plan that has included substantial and increasing investments in research and development, sales and marketing, and facilities. We plan to continue to grow and our plan has a number of risks, some of which we cannot control. For example:

- we need to generate higher revenues to cover a higher level of operating expenses, and our ability to do so may depend on factors that we do not control
- we will need to assimilate new staff members
- we will need to manage complexities associated with a larger and faster growing organization
- we will need to accurately anticipate demand for the products we manufacture and maintain adequate manufacturing capacity, and our ability to do so may depend on factors that we do not control
- we will need to start up and operate a number of new manufacturing facilities, which may result in temporary inefficiencies and higher cost of goods

Of course, there may be other risks and we cannot guarantee that we will be able to successfully manage these or other risks.

Our stock price is volatile, which could adversely affect your investment.

Our stock price, like that of other biotechnology companies, is highly volatile. For example, in the fifty-two weeks prior to July 22, 2005, the trading price of our common stock has ranged from a high of \$83.10 per share to a low of \$52.00 per share. Our stock price may be affected by a number of factors, such as:

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- changes in reimbursement policies or medical practices
- adverse developments regarding the safety or efficacy of our products
- clinical trial results
- actual or anticipated product supply constraints
- product development announcements by us or our competitors
- regulatory matters
- announcements in the scientific and research community
- intellectual property and legal matters
- broader economic, industry and market trends unrelated to our performance

In addition, if our revenues, earnings or other financial results in any period fail to meet the investment community's expectations, there could be an immediate adverse impact on our stock price.

Our corporate compliance program cannot guarantee that we are in compliance with all potentially applicable federal and state regulations.

The development, manufacturing, distribution, pricing, sales, marketing, and reimbursement of our products, together with our general operations, is subject to extensive federal and state regulation. (See “—Our current products and products in development cannot be sold if we do not maintain regulatory approval.” and “—We may be required to perform additional clinical trials or change the labeling of our products if we or others identify side effects after our products are on the market.”) While we have developed and instituted a corporate compliance program based on current best practices, we cannot assure you that we or our employees are or will be in compliance with all potentially applicable federal and state regulations and/or laws. If we fail to comply with any of these regulations and/or laws a range of actions could result, including, but not limited to, the termination of clinical trials, the failure to approve a product candidate, restrictions on our products or manufacturing processes, including withdrawal of our products from the market, significant fines, exclusion from government healthcare programs, or other sanctions or litigation.

Our marketing of ENBREL® will be dependent in part upon Wyeth.

Under a co-promotion agreement, we and Wyeth market and sell ENBREL® in the United States and Canada. A management committee comprised of an equal number of representatives from us and Wyeth is responsible for overseeing the marketing and sales of ENBREL®: including strategic planning, the approval of an annual marketing plan, product pricing, and the establishment of a brand team. The brand team, with equal representation from us and Wyeth, will prepare and implement the annual marketing plan, which includes a minimum level of financial and sales personnel commitment from each party, and is responsible for all sales activities. If Wyeth fails to market ENBREL® effectively or if we and Wyeth fail to coordinate our efforts effectively, our sales of ENBREL® may be adversely affected.

Guidelines and recommendations published by various organizations can reduce the use of our products.

Government agencies promulgate regulations and guidelines directly applicable to us and to our products. However, professional societies, practice management groups, private health/science foundations, and organizations involved in various diseases from time to time may also publish guidelines or recommendations to the health care and patient communities. Recommendations of government agencies or these other groups/organizations may relate to such matters as usage, dosage, route of administration, and use of related therapies. Organizations like these have in the past made recommendations about our products. Recommendations or guidelines that are followed by patients and health care providers could result in decreased use of our products. In addition, the perception by the investment community or stockholders that recommendations or guidelines will result in decreased use of our products could adversely affect prevailing market prices for our common stock.

Continual manufacturing process improvement efforts may result in the carrying value of certain existing manufacturing facilities or other assets becoming impaired.

In connection with our ongoing process improvement activities associated with products we manufacture, we continually invest in our various manufacturing practices and related processes with the objective of increasing production yields and success rates to gain increased cost efficiencies and capacity utilization. Depending on the timing and outcomes of these efforts and our other estimates and assumptions regarding future product sales, the carrying value of certain manufacturing facilities or other assets may not be fully recoverable and could result in the recognition of an impairment in the carrying value at the time that such effects are identified. The potential recognition of impairment in the carrying value, if any, could have a material and adverse affect on our results of operations.

We may not realize all of the anticipated benefits of our merger with Tularik.

On August 13, 2004, we merged with Tularik Inc. The success of our merger with Tularik will depend, in part, on our ability to retain Tularik staff and to realize the anticipated synergies, cost savings, and growth opportunities from integrating the businesses of Tularik with the businesses of Amgen. Our success in realizing these benefits and the timing of this realization depend upon the successful integration of the operations and personnel of Tularik. The integration of two independent companies is a complex, costly, and time-consuming process. The difficulties of combining the operations of the companies include, among others:

- retaining key staff members
- consolidating research and development operations
- consolidating corporate and administrative infrastructures
- preserving ours and Tularik's research and development, and other important relationships

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- minimizing the diversion of management's attention from ongoing business concerns
- coordinating geographically separate organizations

In addition, even if we are able to integrate Tularik's operations successfully, this integration may not result in the realization of the full benefits of the synergies, cost savings, or sales and growth opportunities that we expect or that these benefits will be achieved within the anticipated time frame. For example, as of the date of this filing, we have discontinued a number of Tularik clinical development programs and may discontinue other or all such programs. Further, the elimination of significant duplicative costs may not be possible or may take longer than anticipated and the benefits from the merger may be offset by costs incurred in integrating the companies. We cannot assure you that the integration of Tularik with us will result in the realization of the full benefits anticipated by us to result from the merger. Our failure to achieve these benefits could have a material adverse effect on our results of operations.

Item 4. Controls and Procedures

We maintain "disclosure controls and procedures", as such term is defined under Exchange Act Rule 13a-15(e), that are designed to ensure that information required to be disclosed in Amgen's Exchange Act reports is recorded, processed, summarized, and reported within the time periods specified in the SEC's rules and forms, and that such information is accumulated and communicated to Amgen's management, including its Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosures. In designing and evaluating the disclosure controls and procedures, Amgen's management recognized that any controls and procedures, no matter how well designed and operated, can provide only reasonable assurance of achieving the desired control objectives and in reaching a reasonable level of assurance Amgen's management necessarily was required to apply its judgment in evaluating the cost-benefit relationship of possible controls and procedures. We have carried out an evaluation under the supervision and with the participation of our management, including Amgen's Chief Executive Officer and Chief Financial Officer, of the effectiveness of the design and operation of Amgen's disclosure controls and procedures. Based upon their evaluation and subject to the foregoing, the Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures were effective as of June 30, 2005.

Further, management determined that, as of June 30, 2005, there were no changes in our internal control over financial reporting that occurred during the fiscal quarter then ended that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

PART II — OTHER INFORMATION

Item 1. Legal Proceedings

Certain of our legal proceedings are reported in our Annual Report on Form 10-K for the year ended December 31, 2004, with material developments since that report described in our Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2005 and below. While it is impossible to predict accurately or to determine the eventual outcome of these matters, we do not believe any

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such proceedings currently pending will have a material adverse effect on our annual Consolidated Financial Statements, although an adverse resolution in any reporting period of one or more of the proceedings could have a material impact on the results of operations for that period.

Israel Bio-Engineering Project Litigation

The U.S. District Court for the Central District of California set a trial date for January 31, 2006.

Average Wholesale Price Litigation

City of New York v. Abbott, et. al. Amgen and Immunex were named in a Consolidated Complaint filed on June 15, 2005 in U.S. District Court for the District of Massachusetts. The consolidated complaint includes complaints filed by 31 New York counties in the Northern, Southern, Eastern and Western Districts of New York. These lawsuits broadly allege that Amgen and Immunex, together with many other pharmaceutical manufacturers, reported prices for certain products in a manner that allegedly inflated reimbursement under the Medicaid program. The complaints generally assert varying claims of fraud, and other causes of action under federal and state laws. The complaints seek an undetermined amount of damages, as well as other relief, including declaratory and injunctive relief. All of these cases are a part of the federal Multi-District proceeding captioned In Re: Pharmaceutical Industry Average Wholesale Price Litigation MDL No. 1456 pending in the U.S. District Court for the District Court of Massachusetts.

Columbia Litigation

On July 13, 2005, Amgen and Columbia filed a Stipulation to Dismiss With Prejudice the actions filed by Amgen and by its affiliates.

Item 2. Changes in Securities, Use of Proceeds and Issuer Purchases of Equity Securities

During the three months ended June 30, 2005, we had one outstanding stock repurchase program. The amount we spend and the number of shares repurchased varies based on a variety of factors including the stock price and blackout periods in which we are restricted from repurchasing shares. Repurchases under our stock repurchase program reflect, in part, our confidence in the long-term value of Amgen common stock. A summary of our repurchase activity for the three months ended June 30, 2005 is as follows:

	<u>Total Number of Shares Purchased</u>	<u>Average Price Paid per Share</u>	<u>Total Number of Shares Purchased as Part of Publicly Announced Programs</u>	<u>Maximum \$ Value that May Yet Be Purchased Under the Programs</u>
April 1 - April 30	14,477	\$57.42	—	\$4,293,991,590
May 1 - May 31	12,125,267	61.91	12,113,400	3,543,924,735
June 1 - June 30	4,427	37.21	—	3,543,924,735
Total	<u>12,144,171</u>	<u>\$61.90</u>	<u>12,113,400</u>	

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- (1) The difference between total number of shares purchased and the total number of shares purchased as part of publicly announced programs is due to repurchases of common stock from certain employees in connection with their exercise of stock options issued prior to June 23, 1998 as well as shares of common stock withheld by us for the payment of taxes upon vesting of certain employees' restricted stock.

Item 4. Submission of Matters to a Vote of Security Holders

- (a) The Company held its Annual Meeting of Stockholders on May 11, 2005.
- (b) Omitted pursuant to Instruction 3 to Item 4 of Form 10-Q.
- (c) The three items voted upon at the meeting were: (i) to elect three directors to a three year term of office expiring at the 2008 Annual Meeting of Stockholders ("Item One"); (ii) to ratify the selection of Ernst & Young LLP as the independent registered public accounting firm for the Company for the year ending December 31, 2005 ("Item Two"); and (iii) the Stockholder Proposals ("Item Three"): (A) Stockholder Proposal #1 relating to in vitro testing, (B) Stockholder Proposal #2 relating to executive compensation and (C) Stockholder Proposal # 3 relating to stock retention by senior executives.

The voting was as follows:

	In Favor	Against ("Withheld" for purposes of Item One)	Abstain	Broker Non-Votes
Item One				
Dr. David Baltimore	1,001,399,763	93,386,532	0	0
Ms. Judith C. Pelham	1,050,447,669	44,338,626	0	0
Mr. Kevin W. Sharer	1,042,130,141	52,656,154	0	0
Item Two	1,065,592,524	19,991,085	9,104,584	0
Item Three				
Stockholder Proposal #1	19,621,198	733,707,612	103,620,890	237,836,595
Stockholder Proposal #2	68,119,703	773,527,507	15,139,006	238,000,079
Stockholder Proposal #3	306,449,418	522,443,387	28,514,203	237,379,287

All nominees to the Board of Directors were declared to have been elected as directors to hold office until the 2008 Annual Meeting of Stockholders. Item Two was declared to have been approved. Stockholder Proposals #s 1, 2 and 3 were declared to have not been approved.

- (d) Not applicable.

Item 5. Other Items

The Company's 2006 Annual Meeting of Stockholders will be held May 10, 2006.

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Item 6. Exhibits

- (a) *Reference is made to the Index to Exhibits included herein.*

AMGEN INC.

INDEX TO EXHIBITS

Exhibit No.	Description
3.1	Restated Certificate of Incorporation as amended. (9)
3.2	Certificate of Amendment of Restated Certificate of Incorporation. (19)
3.3*	Amended and Restated Bylaws of Amgen Inc. (as amended and restated May 11, 2005).
3.4	Certificate of Designations of Series A Junior Participating Preferred Stock. (22)
4.1	Indenture dated January 1, 1992 between the Company and Citibank N.A., as trustee. (3)
4.2	6.50% Notes Due December 1, 2007. (11)
4.3	First Supplemental Indenture, dated February 26, 1997, to Indenture, dated January 1, 1992, between the Company and Citibank N.A., as trustee. (6)
4.4	Officer's Certificate pursuant to Sections 2.1 and 2.3 of the Indenture, dated as of January 1, 1992, as supplemented by the First Supplemental Indenture, dated as of February 26, 1997, each between Amgen Inc. and Citibank, N.A., as Trustee, establishing a series of securities entitled "6.50% Notes Due December 1, 2007" (11)
4.5	8-1/8% Debentures due April 1, 2007. (8)
4.6	Officer's Certificate pursuant to Sections 2.1 and 2.3 of the Indenture, dated as of January 1, 1992, as supplemented by the First Supplemental Indenture, dated as of February 26, 1997, each between the Company and Citibank, N.A., as Trustee, establishing a series of securities entitled "8 1/8% Debentures due April 1, 2007." (8)
4.7	Form of Liquid Yield Option™ Note due 2032. (29)
4.8	Indenture, dated as of March 1, 2002, between Amgen Inc. and LaSalle Bank National Association. (29)
4.9	Supplemental Indenture, dated as of March 2, 2005, between Amgen Inc. and LaSalle Bank National Association. (48)
4.10	Registration Rights Agreement, dated as of March 1, 2002, between Amgen Inc. and Merrill Lynch, Pierce, Fenner & Smith Incorporated. (29)
4.11	Indenture, dated as of August 4, 2003, between the Company and JP Morgan Chase Bank, N.A., as trustee. (39)
4.12	Form of 4.00% Senior Note due 2009. (45)
4.13	Form of 4.85% Senior Notes due 2014. (45)
4.14	Officers Certificate of Amgen Inc. dated November 18, 2004, including forms of the Company's 4.00% Senior Notes due 2009 and 4.85% Senior Notes due 2014. (45)
4.15	Registration Rights Agreement, dated as of November 18, 2004, among Amgen Inc. and Morgan Stanley & Co. and Merrill Lynch, Pierce, Fenner & Smith Incorporated as representatives of the several initial purchasers. (45)
4.16	Form of Zero Coupon Convertible Note due 2032 (54)
4.17	Indenture, dated as of May 6, 2005, between Amgen Inc. and LaSalle Bank National Association. (54)
10.1+	Corporate Commercial Paper — Master Note between and among Amgen Inc., as Issuer, Cede & Co., as nominee of The Depository Trust Company and Citibank, N.A. as Paying Agent. (12)
10.2+	Form of stock certificate for the common stock, par value \$.0001 of the Company. (9)
10.3+	Amended and Restated 1991 Equity Incentive Plan (as of March 7, 2005). (49)
10.4+	Forms of Stock Option Grant Agreements and Restricted Stock Unit Agreements for the Amended and Restated 1991 Equity Incentive Plan (Amended and Restated effective March 7, 2005). (49)

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Exhibit No.	Description
10.5+	Amgen Inc. Director Equity Incentive Program (Amended and Restated effective December 6, 2004). (46)
10.6+	Form of Restricted Stock Unit Agreement pursuant to the Director Equity Incentive Plan. (40)
10.7+	Amgen Inc. Amended and Restated 1997 Equity Incentive Plan (as of March 7, 2005). (49)
10.8+	Forms of Stock Option Grant Agreements and Restricted Stock Unit Agreements for the 1997 Equity Incentive Plan (Amended and Restated effective March 7, 2005). (49)
10.9+	Amended and Restated 1999 Equity Incentive Plan (as of March 7, 2005). (49)
10.10+	Forms of Stock Option Grant Agreements for 1999 Equity Incentive Plan (Amended and Restated March 7, 2005). (49)
10.12+	Amended and Restated Employee Stock Purchase Plan of Amgen Inc. (19)
10.13+	First Amendment, effective July 12, 2005, to the Amended and Restated Employee Stock Purchase Plan of Amgen Inc. (55)
10.14+	Retirement and Savings Plan of Amgen Inc. (As amended and restated effective January 1, 2003). (40)
10.15+	First Amendment, effective January 1, 2004, and Second Amendment, effective June 1, 2004, to the Amgen Retirement and Savings Plan. (50)
10.16+	Third Amendment, effective January 1, 2005, to the Amgen Retirement and Savings Plan (As Amended and Restated effective as of January 1, 2003). (44)
10.17+	Fourth Amendment, effective January 1, 2004, to the Amgen Retirement and Savings Plan (As Amended and Restated effective as of January 1, 2003). (46)
10.18+	Amgen Inc. Supplemental Retirement Plan (As Amended and Restated effective as of January 1, 2005). (44)
10.19+	Amgen Inc. Change of Control Severance Plan effective as of October 20, 1998. (14)
10.20+	First Amendment to Amgen Inc. Change of Control Severance Plan. (19)
10.21+	Second Amendment to the Amgen Inc. Change of Control Severance Plan. (25)
10.22+	Third Amendment to the Amgen Inc. Change of Control Severance Plan. (50)
10.23+	Fourth Amendment to the Amgen Inc. Change of Control Severance Plan. (50)
10.24+	Fifth Amendment to the Amgen Inc. Change of Control Severance Plan. (46)
10.25+	Amgen Inc. Executive Incentive Plan. (30)
10.26+	First Amendment to the Amgen Inc. Executive Incentive Plan. (46)
10.27+	Amgen Inc. Executive Nonqualified Retirement Plan, effective January 1, 2001. (28)
10.28+	Amgen Nonqualified Deferred Compensation Plan (As Amended and Restated effective January 1, 2005). (44)
10.29+	Amended and Restated Amgen Inc. Performance Award Program (Amended and Restated effective March 7, 2005). (49)
10.30+	Form of Performance Unit Agreement (Amended and Restated effective March 7, 2005). (49)
10.31+	Amended and Restated 1987 Directors' Stock Option Plan of Amgen Inc. (7)
10.32+	2002 Special Severance Pay Plan for Amgen Employees. (35)
10.33+	Agreement between Amgen Inc. and Mr. George J. Morrow, dated March 3, 2001. (23)
10.34+	Promissory Note of Mr. George J. Morrow, dated March 11, 2001. (23)
10.35+	Agreement between Amgen Inc. and Dr. Roger M. Perlmutter, M.D., Ph.D., dated March 5, 2001. (23)
10.36+	Promissory Note of Dr. Roger M. Perlmutter, dated June 29, 2001. (24)
10.37+	Agreement between Amgen Inc. and Mr. Brian McNamee, dated May 5, 2001. (24)
10.38+	Promissory Note of Mr. Brian McNamee, dated May 30, 2001. (25)
10.39+	Restricted Stock Purchase Agreement between Amgen Inc. and Brian M. McNamee, dated March 3, 2003. (38)

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Exhibit No.	Description
10.40+	Agreement between Amgen Inc. and Mr. Richard Nanula, dated May 15, 2001. (24)
10.41+	Promissory Note of Mr. Richard Nanula, dated June 27, 2001. (24)
10.42+	Restricted Stock Purchase Agreement between Amgen Inc. and Mr. Richard Nanula, dated May 16, 2001. (25)
10.43+	Promissory Note of Dr. Hassan Dayem, dated July 10, 2002. (35)
10.44+	Amended and Restated Agreement between Amgen Inc. and David J. Scott, dated February 16, 2004. (40)
10.45	Product License Agreement, dated September 30, 1985, and Technology License Agreement, dated, September 30, 1985 between Amgen Inc. and Ortho Pharmaceutical Corporation. (19)
10.46	Shareholder's Agreement of Kirin-Amgen, Inc., dated May 11, 1984, between the Company and Kirin Brewery Company, Limited. (22)
10.47	Amendment Nos. 1, 2, and 3, dated March 19, 1985, July 29, 1985 and December 19, 1985, respectively, to the Shareholder's Agreement of Kirin-Amgen, Inc., dated May 11, 1984. (19)
10.48	Amendment Nos. 4, 5, 6, 7, 8, 9, 10 and 11 dated October 16, 1986 (effective July 1, 1986), December 6, 1986 (effective July 1, 1986), May 11, 1984, July 17, 1987 (effective April 1, 1987), May 28, 1993 (effective November 13, 1990), December 9, 1994 (effective June 14, 1994), March 1, 1996 and March 20, 2000 respectively, to the Shareholders Agreement of Kirin-Amgen, Inc. dated May 11, 1984. (22)
10.49*	Amendment No. 12 dated January 31, 2001 to the Shareholders Agreement of Kirin-Amgen, Inc. dated May 11, 1984.
10.50	Product License Agreement, dated September 30, 1985, and Technology License Agreement, dated September 30, 1985 between Kirin-Amgen, Inc. and Ortho Pharmaceutical Corporation. (19)
10.51	Research, Development Technology Disclosure and License Agreement PPO, dated January 20, 1986, by and between Amgen Inc. and Kirin Brewery Co., Ltd. (1)
10.52	Amendment, dated June 30, 1988, to Research, Development, Technology Disclosure and License Agreement: GM-CSF dated March 31, 1987, between Kirin Brewery Company, Limited and Amgen Inc. (2)
10.53	Assignment and License Agreement, dated October 16, 1986, between Amgen Inc. and Kirin-Amgen, Inc. (22)
10.54	G-CSF United States License Agreement dated June 1, 1987 (effective July 1, 1986), Amendment No. 1 dated October 20, 1988 and Amendment No. 2 dated October 17, 1991 (effective November 13, 1990) between Kirin-Amgen, Inc. and Amgen Inc. (22)
10.55	G-CSF European License Agreement, dated December 30, 1986, Amendment No. 1 dated June 1, 1987, Amendment No. 2 dated March 15, 1998, Amendment No. 3 dated October 20, 1988, and Amendment No. 4 dated December 29, 1989 between Kirin-Amgen, Inc. and Amgen Inc. (22)
10.56	Partnership Purchase Agreement, dated March 12, 1993, between Amgen Inc., Amgen Clinical Partners, L.P., Amgen Development Corporation, the Class A limited partners and the Class B limited partner. (4)
10.57	ENBREL(R) Supply Agreement among Immunex Corporation, American Home Products Corporation and Boehringer Ingelheim Pharma KG, dated as of November 5, 1998 (with certain confidential information deleted therefrom). (15)
10.58	Amendment No. 1 to the ENBREL(R) Supply Agreement among Immunex Corporation, American Home Products Corporation and Boehringer Ingelheim Pharma KG, dated June 27, 2000 (with certain confidential information deleted therefrom). (33)

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Exhibit No.	Description
10.59	Amendment No. 2 to the ENBREL(R) Supply Agreement among Immunex Corporation, American Home Products Corporation and Boehringer Ingelheim Pharma KG, dated June 3, 2002 (with certain confidential information deleted therefrom). (35)
10.60	Amendment No. 3 to the ENBREL(R) Supply Agreement among Immunex Corporation, American Home Products Corporation and Boehringer Ingelheim Pharma KG, dated December 18, 2002 (with certain confidential information deleted therefrom). (37)
10.61*	Amendment No. 4 to the ENBREL(R) Supply Agreement among Immunex Corporation, American Home Products Corporation and Boehringer Ingelheim Pharma KG, dated May 21, 2004.
10.62	Agreement Regarding Governance and Commercial Matters by and among Wyeth (formerly American Home Products Corporation), American Cyanamid Company and Amgen Inc. dated December 16, 2001 (with certain confidential information deleted therefrom). (30)
10.63	Asset Purchase Agreement, dated May 2, 2002, by and between Immunex Corporation and Schering Aktiengesellschaft (with certain confidential information deleted therefrom). (35)
10.64	Amendment No. 1 dated as of September 25, 2002 and Amendment No. 2 dated as of July 17, 2002 to the Asset Purchase Agreement dated as of September 25, 2002, by and between Immunex Corporation and Schering Aktiengesellschaft. (35)
10.65	Amended and Restated Promotion Agreement By and Among Wyeth, Amgen Inc. and Immunex Corporation entered into as of December 16, 2001 (with certain confidential information deleted therefrom). (30)
10.66 W	Description of Amendment No. 1 to Amended and Restated Promotion Agreement By and Among Wyeth, Amgen Inc. and Immunex Corporation, effective as of July 8, 2003 (with certain confidential information deleted therefrom). (40)
10.67	Description of Amendment No. 2 to Amended and Restated Promotion Agreement By and Among Wyeth, Amgen Inc. and Immunex Corporation, effective as of April 20, 2004. (42)
10.68	Description of Amendment No. 3 To Amended and Restated Promotion Agreement By and Among Wyeth, Amgen Inc. and Immunex Corporation, effective as of January 1, 2005, (with certain confidential information deleted therefrom). (53)
10.69	Amgen Inc. Credit Agreement, dated as of July 16, 2004, among Amgen Inc. the Banks therein named, Citibank N.A., as Issuing Bank, Citicorp USA, Inc., as Administrative Agent and Barclays Bank PLC, as Syndication Agent. (43)
10.70	Purchase Agreement, dated as of November 15, 2004, among Amgen Inc. and Morgan Stanley & Co. and Merrill Lynch, Pierce, Fenner & Smith Incorporated as representatives of the several initial purchasers. (45)
31*	Rule 13a-14(a) Certifications.
32**	Section 1350 Certifications.

(* = filed herewith)

(** = furnished herewith and not "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended)

(+ = management contract or compensatory plan or arrangement.)

(1) Filed as an exhibit to Amendment No. 1 to Form S-1 Registration Statement (Registration No. 33-3069) on March 11, 1986 and incorporated herein by reference.

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- (2) Filed as an exhibit to Form 8 amending the Quarterly Report on Form 10-Q for the quarter ended June 30, 1988 on August 25, 1988 and incorporated herein by reference.
- (3) Filed as an exhibit to Form S-3 Registration Statement dated December 19, 1991 and incorporated herein by reference.
- (4) Filed as an exhibit to the Form 8-A dated March 31, 1993 and incorporated herein by reference.
- (5) Filed as an exhibit to the Form 10-Q for the quarter ended September 30, 1996 on November 5, 1996 and incorporated herein by reference.
- (6) Filed as an exhibit to the Form 8-K Current Report dated March 14, 1997 on March 14, 1997 and incorporated herein by reference.
- (7) Filed as an exhibit to the Annual Report on Form 10-K for the year ended December 31, 1996 on March 24, 1997 and incorporated herein by reference.
- (8) Filed as an exhibit to the Form 8-K Current Report dated April 8, 1997 on April 8, 1997 and incorporated herein by reference.
- (9) Filed as an exhibit to the Form 10-Q for the quarter ended March 31, 1997 on May 13, 1997 and incorporated herein by reference.
- (10) Filed as an exhibit to the Form 10-Q for the quarter ended June 30, 1997 on August 12, 1997 and incorporated herein by reference.
- (11) Filed as an exhibit to the Form 8-K Current Report dated and filed on December 5, 1997 and incorporated herein by reference.
- (12) Filed as an exhibit to the Form 10-Q for the quarter ended March 31, 1998 on May 13, 1998 and incorporated herein by reference.
- (13) Filed as an exhibit to the Form 10-Q for the quarter ended June 30, 1998 on August 14, 1998 and incorporated herein by reference.
- (14) Filed as an exhibit to the Annual Report on Form 10-K for the year ended December 31, 1998 on March 16, 1999 and incorporated herein by reference.
- (15) Filed as an exhibit to the Annual Report on Form 10-K of Immunex Corporation for the year ended December 31, 1998.
- (16) Filed as an exhibit to the Form S-8 dated March 17, 1999 and incorporated herein by reference.
- (17) Filed as an exhibit to the Form 10-Q for the quarter ended June 30, 1999 on August 3, 1999 and incorporated herein by reference.
- (18) Filed as an exhibit to the Annual Report on Form 10-K for the year ended December 31, 1999 on March 7, 2000 and incorporated herein by reference.
- (19) Filed as an exhibit to the Form 10-Q for the quarter ended June 30, 2000 on August 1, 2000 and incorporated herein by reference.
- (20) Filed as an exhibit to the Form 10-Q for the quarter ended September 30, 2000 on November 14, 2000 and incorporated herein by reference.
- (21) Filed as an exhibit to the Form 8-K Current Report dated December 13, 2000 on December 18, 2000 and incorporated herein by reference.
- (22) Filed as an exhibit to the Annual Report on Form 10-K for the year ended December 31, 2000 on March 7, 2001 and incorporated herein by reference.
- (23) Filed as an exhibit to the Form 10-Q for the quarter ended March 31, 2001 on May 14, 2001 and incorporated herein by reference.
- (24) Filed as an exhibit to the Form 10-Q for the quarter ended June 30, 2001 on July 27, 2001 and incorporated herein by reference.
- (25) Filed as an exhibit to the Form 10-Q for the quarter ended September 30, 2001 on October 26, 2001 and incorporated herein by reference.
- (26) Filed as an exhibit to the Form 8-K Current Report dated December 16, 2001 on December 17, 2001 and incorporated herein by reference.
- (27) Filed as an exhibit to the Form S-4 Registration Statement dated January 31, 2002 and incorporated herein by reference.

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- (28) Filed as an exhibit to the Annual Report on Form 10-K for the year ended December 31, 2001 on February 26, 2002 and incorporated herein by reference.
- (29) Filed as an exhibit to the Form 8-K Current Report dated February 21, 2002 on March 1, 2002 and incorporated herein by reference.
- (30) Filed as an exhibit to Amendment No. 1 to the Form S-4 Registration Statement dated March 22, 2002 and incorporated herein by reference.
- (31) Filed as an exhibit to the Form 10-Q for the quarter ended March 31, 2002 on April 29, 2002 and incorporated herein by reference.
- (32) Filed as an exhibit to the Post-effective Amendment No. 1 to the Form S-4 Registration Statement dated July 15, 2002 and incorporated herein by reference.
- (33) Filed as an exhibit to Form 8-K Current Report of Immunex Corporation dated April 12, 2002 on May 7, 2002 and incorporated herein by reference.
- (34) Filed as an exhibit to the Form 10-Q of Immunex Corporation for the quarter ended June 30, 2000.
- (35) Filed as an exhibit to the Form 10-Q for the quarter ended June 30, 2002 on August 13, 2002 and incorporated herein by reference.
- (36) Filed as an exhibit to the Form 10-Q for the quarter ended September 30, 2002 on November 5, 2002 and incorporated herein by reference.
- (37) Filed as an exhibit to the Form 10-K for the year ended December 31, 2002 on March 10, 2003 and incorporated herein by reference.
- (38) Filed as an exhibit to the Form 10-Q for the quarter ended June 30, 2003 on July 30, 2003 and incorporated herein by reference.
- (39) Filed as an exhibit to Form S-3 Registration Statement dated August 4, 2003 and incorporated herein by reference.
- (40) Filed as an exhibit to the Annual Report on Form 10-K for the year ended December 31, 2003 on March 11, 2004 and incorporated herein by reference.
- (41) Filed as an exhibit to the Form S-4 dated April 26, 2004 and incorporated herein by reference.
- (42) Filed as an exhibit to the Form S-4/A dated June 29, 2004 and incorporated herein by reference.
- (43) Filed as an exhibit to the Form 10-Q for the quarter ended June 30, 2004 on August 6, 2004 and incorporated herein by reference.
- (44) Filed as an exhibit to the Form 8-K Current Report dated October 5, 2004 on October 12, 2004 and incorporated herein by reference.
- (45) Filed as an exhibit to Form 8-K dated November 15, 2004 and incorporated herein by reference.
- (46) Filed as an exhibit to Form 8-K dated December 6, 2004 and incorporated herein by reference.
- (47) Filed as an exhibit to Form S-8 dated August 16, 2004 and incorporated herein by reference.
- (48) Filed as an exhibit to Form 8-K dated March 2, 2005 and incorporated herein by reference.
- (49) Filed as an exhibit to Form 8-K dated March 7, 2005 and incorporated herein by reference.
- (50) Filed as an exhibit to Form 10-K for the year ended December 31, 2004 on March 9, 2005 and incorporated herein by reference.
- (51) Filed as an exhibit to Form S-4 dated March 14, 2005 and incorporated by reference.
- (52) Filed as an exhibit to Form S-4 dated April 5, 2005 and incorporated by reference.
- (53) Filed as an exhibit to Form 10-Q for the quarter ended March 31, 2005 on May 4, 2005 and incorporated herein by reference.
- (54) Filed as an exhibit to Form 8-K dated May 5, 2005 and incorporated herein by reference.
- (55) Filed as an exhibit to Form 8-K dated July 11, 2005 and incorporated herein by reference.

AMENDED AND RESTATED BYLAWS

OF

AMGEN INC.

(AS AMENDED and RESTATED May 11, 2005)

AMENDED AND RESTATED BYLAWS

OF

AMGEN INC.
(a Delaware corporation)

ARTICLE I

Offices

Section 1. Registered Office. The registered office of the corporation in the State of Delaware shall be in the City of Dover, County of Kent.

Section 2. Other Offices. The corporation also shall have and maintain an office or principal place of business at such place as may be fixed by the Board of Directors, and also may have offices at such other places, both within and without the State of Delaware as the Board of Directors may from time to time determine or the business of the corporation may require.

ARTICLE II

Corporate Seal

Section 3. Corporate Seal. The corporate seal shall consist of a die bearing the name of the corporation and the inscription, "Corporate Seal-Delaware." Said seal may be used by causing it or a facsimile thereof to be impressed or affixed or reproduced or otherwise.

ARTICLE III

Stockholders' Meetings

Section 4. Place of Meetings. Meetings of the stockholders of the corporation shall be held at such place, either within or without the State of Delaware, as may be designated from time to time by the Board of Directors, or, if not so designated, then at the office of the corporation required to be maintained pursuant to Section 2 hereof.

Section 5. Annual Meeting. The annual meeting of the stockholders of the corporation shall be held on any date and time which may from time to time be designated by the Board of Directors. At such annual meeting, directors shall be elected

and any other business may be transacted that may properly come before the meeting.

Section 6. Special Meetings. Special meetings of the stockholders of the corporation may be called, for any purpose or purposes, by the Chairman of the Board of Directors (“Chairman of the Board”), the Chief Executive Officer, the President, or the Board of Directors at any time.

Section 7. Notice of Meetings. Except as otherwise provided by law or the Certificate of Incorporation, written notice of each meeting of stockholders shall be given not less than ten (10) nor more than sixty (60) days before the date of the meeting to each stockholder entitled to vote at such meeting, such notice to specify the place, date and hour and purpose or purposes of the meeting. Notice of the time, place and purpose of any meeting of stockholders may be waived in writing, signed by the person entitled to notice thereof, either before or after such meeting, and will be waived by any stockholder by his attendance thereat in person or by proxy, except when the stockholder attends a meeting for the express purpose of objecting, at the beginning of the meeting, to the transaction of any business because the meeting is not lawfully called or convened. Any stockholder so waiving notice of such meeting shall be bound by the proceedings of any such meeting in all respects as if due notice thereof had been given.

Section 8. Quorum. At all meetings of stockholders, except where otherwise provided by statute or by the Certificate of Incorporation, or by these Bylaws, the presence, in person or by proxy duly authorized, of the holders of a majority of the outstanding shares of stock entitled to vote shall constitute a quorum for the transaction of business. Any shares, the voting of which at said meeting has been enjoined, or which for any reason cannot be lawfully voted at such meeting, shall not be counted to determine a quorum at such meeting. In the absence of a quorum any meeting of stockholders may be adjourned, from time to time, by vote of the holders of a majority of the shares represented thereat, but no other business shall be transacted at such meeting. The stockholders present at a duly called or convened meeting, at which a quorum is present, may continue to transact business until adjournment, notwithstanding the withdrawal of enough stockholders to leave less than a quorum. At all meetings of stockholders for the election of directors at which a quorum is present a plurality of the votes cast shall be sufficient to elect directors. All other elections and questions presented to the stockholders at a meeting at which a quorum is present shall, unless otherwise provided by the Certificate of Incorporation, these Bylaws, the rules or regulations of any stock exchange or securities market applicable to the corporation, or applicable

law or pursuant to any regulation applicable to the corporation or its securities, be decided by the affirmative vote of the holders of a majority in voting power of the shares of stock of the corporation which are present in person or by proxy and entitled to vote thereon.

Section 9. Adjournment and Notice of Adjourned Meetings. Any meeting of stockholders, whether annual or special, may be adjourned from time to time by the vote of a majority of the shares, the holders of which are present either in person or by proxy, or by the chairman of the meeting or the Board of Directors. When a meeting is adjourned to another time or place, notice need not be given of the adjourned meeting if the time and place thereof are announced at the meeting at which the adjournment is taken. At the adjourned meeting the corporation may transact any business which might have been transacted at the original meeting. If the adjournment is for more than thirty (30) days, or if after the adjournment a new record date is fixed for the adjourned meeting, a notice of the adjourned meeting shall be given to each stockholder of record entitled to vote at the meeting.

Section 10. Voting Rights. For the purpose of determining those stockholders entitled to vote at any meeting of the stockholders, except as otherwise provided by law, only persons in whose names shares stand on the stock records of the corporation on the record date, as provided in Section 12 of these Bylaws, shall be entitled to vote at any meeting of stockholders. Every person entitled to vote or execute consents shall have the right to do so either in person or by an agent or agents authorized by a written proxy executed by such person or his duly authorized agent, which proxy shall be filed with the Secretary at or before the meeting at which it is to be used. An agent so appointed need not be a stockholder. No proxy shall be voted on after three (3) years from its date of creation unless the proxy provides for a longer period. All elections of Directors shall be by written ballot, unless otherwise provided in the Certificate of Incorporation.

Section 11. Joint Owners of Stock. If shares or other securities having voting power stand of record in the names of two (2) or more persons, whether fiduciaries, members of a partnership, joint tenants, tenants in common, tenants by the entirety, or otherwise, or if two (2) or more persons have the same fiduciary relationship respecting the same shares, unless the Secretary is given written notice to the contrary and is furnished with a copy of the instrument or order appointing them or creating the relationship wherein it is so provided, their acts with respect to voting shall have the following effect: (a) if only one (1) votes, his act binds all; (b) if more than one

(1) votes, the act of the majority so voting binds all; (c) if more than one (1) votes, but the vote is evenly split on any particular matter, each faction may vote the securities in question proportionally, or may apply to the Delaware Court of Chancery for relief as provided in the General Corporation Law of Delaware, Section 217(b). If the instrument filed with the Secretary shows that any such tenancy is held in unequal interests, a majority or even-split for the purpose of this subsection (c) shall be a majority or even-split in interest.

Section 12. List of Stockholders. The Secretary shall prepare and make, at least ten (10) days before every meeting of stockholders, a complete list of the stockholders entitled to vote at said meeting, arranged in alphabetical order, showing the address of each stockholder and the number of shares registered in the name of each stockholder. Such list shall be open to the examination of any stockholder, for any purpose germane to the meeting at least ten (10) days prior to the meeting (i) on a reasonably accessible electronic network, provided that the information required to gain access to such list is provided with the notice of meeting or (ii) during ordinary business hours at the principal place of business of the corporation. The list of stockholders must also be open to examination at the meeting as required by applicable law. Except as otherwise provided by law, the stock ledger shall be the only evidence as to who are the stockholders entitled to examine the stock ledger, the list of stockholders or the books of the corporation, or to vote in person or by proxy at any meeting of stockholders.

Section 13. No Action Without Meeting. Any action required or permitted to be taken by the stockholders of the corporation must be effected at a duly called annual or special meeting of such holders and may not be effected by any consent in writing by such holders.

Section 14. Organization; Conduct of Meetings.

(a) At every meeting of stockholders, the Chairman of the Board, or, if the Chairman of the Board is absent, the Chief Executive Officer, or, if the Chief Executive Officer is absent, the President, or, if the President is absent, the most senior Vice President present, or in the absence of any such officer, a chairman of the meeting chosen by a majority in interest of the stockholders entitled to vote, present in person or by proxy, shall act as chairman. The Secretary, or, in his absence, an Assistant Secretary directed to do so by the Chief Executive Officer, shall act as secretary of the meeting.

(b) The date and time of the opening and the closing of the polls for each matter upon which the stockholders will vote at a

meeting shall be announced at the meeting by the person presiding over the meeting. The Board of Directors may adopt by resolution such rules and regulations for the conduct of the meeting of stockholders as it shall deem appropriate. Except to the extent inconsistent with such rules and regulations as adopted by the Board of Directors, the person presiding over any meeting of stockholders shall have the right and authority to convene and to adjourn the meeting, to prescribe such rules, regulations and procedures and to do all such acts as, in the judgment of such presiding person, are appropriate for the proper conduct of the meeting. Such rules, regulations or procedures, whether adopted by the Board of Directors or prescribed by the presiding person of the meeting, may include, without limitation, the following: (i) the establishment of an agenda or order of business for the meeting; (ii) rules and procedures for maintaining order at the meeting and the safety of those present; (iii) limitations on attendance at or participation in the meeting to stockholders of record of the corporation, their duly authorized and constituted proxies or such other persons as the presiding person of the meeting shall determine; (iv) restrictions on entry to the meeting after the time fixed for the commencement thereof; and (v) limitations on the time allotted to questions or comments by participants. The presiding person at any meeting of stockholders, in addition to making any other determinations that may be appropriate to the conduct of the meeting, shall, if the facts warrant, determine and declare to the meeting that a matter or business was not properly brought before the meeting and if such presiding person should so determine, such presiding person shall so declare to the meeting and any such matter or business not properly brought before the meeting shall not be transacted or considered. Unless and to the extent determined by the Board of Directors or the person presiding over the meeting, meetings of stockholders shall not be required to be held in accordance with the rules of parliamentary procedure.

Section 15. Notifications of Nominations and Proposed Business.

(a) Annual Meetings of Stockholders.

(1) Nominations of persons for election to the Board of Directors and the proposal of business to be considered by the stockholders at an annual meeting of stockholders may be made only (A) by or at the direction of the Board of Directors or (B) by any stockholder of the corporation who was a stockholder of record of the corporation at the time the notice provided for in this Section 15 is delivered to the Secretary of the corporation, who is entitled to vote at the meeting and who complies with the notice procedures set forth in this Section 15.

(2) For nominations or other business to be properly brought before an annual meeting by a stockholder pursuant to this Section 15, the stockholder must have given timely notice thereof in writing to the Secretary of the corporation and any such proposed business other than the nominations of persons for election to the Board of Directors must constitute a proper matter for stockholder action. To be timely, a stockholder's notice shall be delivered to the Secretary at the principal place of business of the corporation not earlier than the 120th day, nor later than the 90th day prior to the first anniversary of the preceding year's annual meeting (provided, however, that in the event that the date of the annual meeting is more than 30 days before or more than 70 days after such anniversary date, notice by the stockholder must be delivered not earlier than the 120th day prior to such annual meeting and not later than the close of business on the later of the 90th day prior to such annual meeting or the 10th day following the day on which public announcement of the date of such meeting is first made by the corporation). In no event shall the public announcement of an adjournment or postponement of an annual meeting commence a new time period (or extend any time period) for the giving of a stockholder's notice as described above. Such stockholder's notice shall set forth:

(A) as to each person whom the stockholder proposes to nominate for election as a director (i) all information relating to such person that is required to be disclosed in solicitations of proxies for election of directors in an election contest, or is otherwise required, in each case pursuant to and in accordance with Regulation 14A under the Securities Exchange Act of 1934, as amended (the "Exchange Act"), (ii) appropriate biographical information including, but not limited to, the nominee's personal and professional experience and affiliations to permit the Board of Directors to determine whether such nominee meets the qualification and independence standards adopted by the Board of Directors, and (iii) such person's written consent to being named in the proxy statement as a nominee and to serving as a director if elected;

(B) as to any other business that the stockholder proposes to bring before the meeting, (i) a brief description of the business desired to be brought before the meeting, (ii) the text of the proposal or business (including the text of any resolutions proposed for consideration and in the event that such business includes a proposal to amend the Bylaws of the corporation, the language of the proposed amendment), (iii) the reasons for conducting such business at the meeting, and (iv) any material interest in such business of such stockholder and the beneficial owner, if any, on whose behalf the proposal is made; and

(C) as to the stockholder giving the notice and the beneficial owner, if any, on whose behalf the nomination or proposal is made (i) the name and address of such stockholder, as they appear on the corporation's books, and of such beneficial owner, (ii) the class and number of shares of capital stock of the corporation which are owned beneficially and of record by such stockholder and such beneficial owner, (iii) a representation that the stockholder is a holder of record of stock of the corporation entitled to vote at such meeting and intends to appear in person or by proxy at the meeting to propose such business or nomination, and (iv) a representation whether the stockholder or the beneficial owner, if any, intends or is part of a group which intends to deliver a proxy statement and/or form of proxy to holders of at least the percentage of the corporation's outstanding capital stock required to approve or adopt the proposal or elect the nominee, and/or otherwise to solicit proxies from stockholders in support of such proposal or nomination.

(3) The foregoing notice requirements of this Section 15 shall be deemed satisfied by a stockholder if the stockholder has notified the corporation of his or her intention to present a proposal or nomination at an annual meeting in compliance with applicable rules and regulations promulgated under the Exchange Act and such stockholder's proposal or nomination has been included in a proxy statement that has been prepared by the corporation to solicit proxies for such annual meeting. The corporation may require any proposed nominee to furnish such other information as it may reasonably require to determine the eligibility of such proposed nominee to serve as a director of the corporation, including, but not limited to, the information described in subsection (ii) of Section 15(a)(2)(A).

(4) Notwithstanding anything in paragraph (a)(2) of this Section 15 to the contrary, in the event that the number of directors to be elected to the Board of Directors at an annual meeting is increased and there is no public announcement by the corporation naming the nominees for the additional directorships at least 100 days prior to the first anniversary of the preceding year's annual meeting, a stockholder's notice required by this Section 15 shall also be considered timely, but only with respect to nominees for the additional directorships, if it shall be delivered to the Secretary at the principal place of business of the corporation not later than the close of business on the 10th day following the day on which such public announcement is first made by the corporation.

(b) Special Meetings of Stockholders.

(1) Only such business shall be conducted at a special meeting of stockholders as shall have been brought before the meeting pursuant to the corporation's notice of meeting. Nominations of persons for election to the Board of Directors may

be made at a special meeting of stockholders at which directors are to be elected pursuant to the corporation's notice of meeting (A) by or at the direction of the Board of Directors or (B) provided that the Board of Directors has determined that directors shall be elected at such meeting, by any stockholder of the corporation who is a stockholder of record at the time the notice provided for in this Section 15 is delivered to the Secretary of the corporation, who is entitled to vote at the meeting and upon such election and who complies with the notice procedures set forth in this Section 15.

(2) In the event the corporation calls a special meeting of stockholders for the purpose of electing one or more directors to the Board of Directors, any such stockholder entitled to vote in such election of directors may nominate a person or persons (as the case may be) for election to such position(s) as specified in the corporation's notice of meeting, if the stockholder's notice required by paragraph (a)(2) of this Section 15 shall be delivered to the Secretary at the principal place of business of the corporation not earlier than the 120th day prior to such special meeting and not later than the close of business on the later of the 90th day prior to such special meeting or the 10th day following the day on which public announcement is first made of the date of the special meeting and of the nominees proposed by the Board of Directors to be elected at such meeting. In no event shall the public announcement of an adjournment or postponement of a special meeting commence a new time period (or extend any time period) for the giving of a stockholder's notice as described above.

(c) General.

(1) Only such persons who are nominated in accordance with the procedures set forth in this Section 15 shall be eligible to be elected at an annual or special meeting of stockholders of the corporation to serve as directors and only such business shall be conducted at a meeting of stockholders as shall have been brought before the meeting in accordance with the procedures set forth in this Section 15.

(2) Except as otherwise provided by law, the chairman of the meeting shall have the power and duty (A) to determine whether a nomination or any business proposed to be brought before the meeting was made or proposed, as the case may be, in accordance with the procedures set forth in this Section 15, and (B) if any proposed nomination or business was not made or proposed in compliance with this Section 15, to declare that such nomination shall be disregarded or that such proposed business shall not be transacted.

(3) Notwithstanding the foregoing provisions of this Section 15, unless otherwise required by law, if the stockholder (or a qualified representative of the stockholder) does not

appear at the annual or special meeting of stockholders of the corporation to present a nomination or proposed business, such nomination shall be disregarded and such proposed business shall not be transacted, notwithstanding that proxies in respect of such vote may have been received by the corporation. For purposes of this Section 15, to be considered a qualified representative of the stockholder, a person must be authorized by a writing executed by such stockholder or an electronic transmission delivered by such stockholder to act for such stockholder as proxy at the meeting of stockholders and such person must produce such writing or electronic transmission, or a reliable reproduction of the writing or electronic transmission, at the meeting of stockholders.

(4) For purposes of this Section 15, "public announcement" shall include disclosure in a press release reported by the Dow Jones News Service, Associated Press or comparable national news service or in a document publicly filed by the corporation with the Securities and Exchange Commission pursuant to Section 13, 14 or 15(d) of the Exchange Act.

(5) Notwithstanding the foregoing provisions of this Section 15, a stockholder shall also comply with all applicable requirements of the Exchange Act and the rules and regulations thereunder with respect to the matters set forth in this Section 15. Nothing in this Section 15 shall be deemed to affect any rights (A) of stockholders to request inclusion of proposals or nominations in the corporation's proxy statement pursuant to applicable rules and regulations promulgated under the Exchange Act or (B) of the holders of any series of Preferred Stock to elect directors pursuant to any applicable provisions of the certificate of incorporation.

ARTICLE IV

Directors

Section 16. Number. The authorized number of directors of the corporation shall be fixed from time to time by the Board of Directors. The number of directors currently authorized is twelve. Directors need not be stockholders unless so required by the Certificate of Incorporation. If for any cause the directors shall not have been elected at any annual meeting, they may be elected as soon thereafter as convenient at a special meeting of the stockholders called for that purpose in the manner provided in these Bylaws.

Section 17. Classes of Directors. The Board of Directors shall be divided into three classes: Class I, Class II and Class III, which shall be as nearly equal in number as possible. Each director shall serve for a term ending on the date of the third

annual meeting of stockholders following the annual meeting at which the director was elected. Notwithstanding the foregoing provisions of this section, each director shall serve until his successor is duly elected and qualified or until his death, resignation or removal.

Section 18. Newly Created Directorships and Vacancies. In the event of any increase or decrease in the authorized number of directors, the newly created or eliminated directorships resulting from such increase or decrease shall be apportioned by the Board of Directors among the three classes of directors so as to maintain such classes as nearly equal in number as possible. No decrease in the number of directors constituting the Board of Directors shall shorten the term of any incumbent director. Newly created directorships resulting from any increase in the number of directors and any vacancies on the Board of Directors resulting from death, resignation, disqualification, removal or other cause shall be filled by the affirmative vote of a majority of the remaining directors then in office (and not by stockholders), even though less than a quorum of the authorized Board of Directors. Any director elected in accordance with the preceding sentence shall hold office for the remainder of the full term of the class of directors in which the new directorship was created or the vacancy occurred and until such director's successors shall have been elected and qualified.

Section 19. Powers. The powers of the corporation shall be exercised, its business conducted and its property controlled by the Board of Directors, except as may be otherwise provided by statute or by the Certificate of Incorporation.

Section 20. Resignation. Any director may resign at any time by delivering his written resignation to the Secretary, such resignation to specify whether it will be effective at a particular time, upon receipt by the Secretary or at the pleasure of the Board of Directors. If no such specification is made, it shall be deemed effective at the pleasure of the Board of Directors. When one or more directors shall resign from the Board of Directors, effective at a future date, a majority of the directors then in office, including those who have so resigned, shall have power to fill such vacancy or vacancies, the vote thereon to take effect when such resignation or resignations shall become effective, and each Director so chosen shall hold office for the unexpired portion of the term of the director whose place shall be vacated and until his successor shall have been duly elected and qualified.

Section 21. Removal. At a special meeting of stockholders called for the purpose in the manner hereinabove provided, the Board of Directors, or any individual director, may

be removed from office, with cause, and one or more new directors may be elected, by a vote of stockholders holding a majority of the outstanding shares entitled to vote at an election of Directors.

Section 22. Meetings.

(a) Annual Meetings. The annual meeting of the Board of Directors shall be held on any date and time and at such place which may from time to time be designated by resolution of the Board of Directors. Such meeting shall be held for the purpose of electing officers and transacting such other business as may lawfully come before it.

(b) Regular Meetings. Except as hereinafter otherwise provided, regular meetings of the Board of Directors shall be held in the office of the corporation required to be maintained pursuant to Section 2 hereof. Unless otherwise restricted by the Certificate of Incorporation, regular meetings of the Board of Directors also may be held at any place within or without the State of Delaware which has been designated by resolution of the Board of Directors or the written consent of all Directors.

(c) Special Meetings. Unless otherwise restricted by the Certificate of Incorporation, special meetings of the Board of Directors may be held at any time and place within or without the State of Delaware whenever called by the Chairman of the Board, the Chief Executive Officer, the President or a majority of the Directors.

(d) Telephone Meetings. Any member of the Board of Directors, or of any committee thereof, may participate in a meeting by means of conference telephone or other communications equipment by means of which all persons participating in the meeting can hear each other, and participation in a meeting by such means shall constitute presence in person at such meeting.

(e) Notice of Meetings. Written notice of the time and place of all regular and special meetings of the Board of Directors shall be given at least one (1) day before the date of the meeting. Notice of any meeting may be waived in writing at any time before or after the meeting and will be waived by any director by attendance thereat, except when the director attends the meeting for the express purpose of objecting, at the beginning of the meeting, to the transaction of any business because the meeting is not lawfully called or convened.

(f) Waiver of Notice. The transaction of all business at any meeting of the Board of Directors, or any committee thereof, however called or noticed, or wherever held, shall be as

valid as though taken at a meeting duly held after regular call and notice, if a quorum is present and if, either before or after the meeting, each of the Directors not present sign a written waiver of notice, or a consent to holding such meeting, or an approval of the minutes thereof. All such waivers, consents or approvals shall be filed with the corporate records or made a part of the minutes of the meeting.

Section 23. Quorum and Voting.

(a) Quorum. Unless the Certificate of Incorporation requires a greater number, a quorum of the Board of Directors shall consist of a majority of the exact number of Directors fixed from time to time in accordance with Section 16 of these Bylaws, but not less than one (1); provided, however, at any meeting whether a quorum is present or otherwise, a majority of the directors present may adjourn from time to time until the time fixed for the next regular meeting of the Board of Directors, without notice other than by announcement at the meeting.

(b) Majority Vote. At each meeting of the Board of Directors at which a quorum is present all questions and business shall be determined by a vote of a majority of the Directors present, unless a different vote is required by law, the Certificate of Incorporation or these Bylaws.

Section 24. Action without Meeting. Unless otherwise restricted by the Certificate of Incorporation or these Bylaws, any action required or permitted to be taken at any meeting of the Board of Directors or of any committee thereof may be taken without a meeting, if all members of the Board of Directors or committee, as the case may be, consent thereto in writing, and such writing or writings are filed with the minutes of proceedings of the Board of Directors or committee.

Section 25. Fees and Compensation. Directors shall not receive any stated salary for their services as Directors, but by resolution of the Board of Directors a fixed fee, with or without expense of attendance, may be allowed for serving on the Board of Directors and/or attendance at each meeting and at each meeting of any committee of the Board of Directors. Nothing herein contained shall be construed to preclude any director from serving the corporation in any other capacity as an officer, agent, consultant, employee, or otherwise and receiving compensation therefor.

Section 26. Committees.

(a) Executive Committee. The Board of Directors may by resolution passed by a majority of the whole Board of Directors, appoint an Executive Committee to consist of one (1) or more members of the Board of Directors. The Executive Committee, to the extent permitted by law and specifically granted by the Board of Directors, shall have and may exercise when the Board of Directors is not in session all powers of the Board of Directors in the management of the business and affairs of the corporation, including, without limitation, the power and authority to declare a dividend or to authorize the issuance of stock, except such committee shall not have the power or authority to amend the Certificate of Incorporation (except that the committee may, to the extent authorized in the resolution or resolutions providing for the issuance of shares of stock adopted by the Board of Directors as provided by law, fix any of the preferences or rights of such shares relating to dividends, redemption, dissolution, any distribution of assets of the corporation or the conversion into, or the exchange of such shares for shares of any other class or classes or any other series of the same or any other class or classes of stock of the corporation), to adopt an agreement of merger or consolidation, to recommend to the stockholders the sale, lease or exchange of all or substantially all of the corporation's property and assets, to recommend to the stockholders a dissolution of the corporation or a revocation of a dissolution or to amend these Bylaws.

(b) Other Committees. The Board of Directors may, by resolution passed by a majority of the whole Board of Directors, from time to time appoint such other committees as may be permitted by law. Such other committees appointed by the Board of Directors shall consist of one (1) or more members of the Board of Directors, and shall have such powers and perform such duties as may be prescribed by the resolution or resolutions creating such committees, but in no event shall such committee have the powers denied to the Executive Committee in these Bylaws.

(c) Term. Each member of a committee of the Board of Directors shall serve a term on the committee coexistent with such member's term on the Board of Directors. The Board of Directors, subject to the provisions of subsections (a) or (b) of this Section 26, may at any time increase or decrease the number of members of a committee or terminate the existence of a committee. The membership of a committee member shall terminate on the date of his death or voluntary resignation. The Board of Directors may at any time for any reason remove any individual committee member and the Board of Directors may fill any committee vacancy created by death, resignation, removal or increase in the number of members of the committee. The Board of

Directors may designate one or more Directors as alternate members of any committee, who may replace any absent or disqualified member at any meeting of the committee, and, in addition, in the absence or disqualification of any member of a committee, the member or members thereof present at any meeting and not disqualified from voting, whether or not he or they constitute a quorum, may unanimously appoint another member of the Board of Directors to act at the meeting in the place of any such absent or disqualified member.

(d) Meetings. Unless the Board of Directors shall otherwise provide, regular meetings of the Executive Committee or any other committee appointed pursuant to this Section 26 shall be held at such times and places as are determined by the Board of Directors, or by any such committee, and when notice thereof has been given to each member of such committee, no further notice of such regular meetings need be given thereafter. Special meetings of any such committee may be held at the principal office of the corporation required to be maintained pursuant to Section 2 hereof, or at any place which has been designated from time to time by resolution of such committee or by written consent of all members thereof, and may be called by any director who is a member of such committee, upon written notice to the members of such committee of the time and place of such special meeting given in the manner provided for the giving of written notice to members of the Board of Directors of the time and place of special meetings of the Board of Directors. Notice of any special meeting of any committee may be waived in writing at any time before or after the meeting and will be waived by any director by attendance thereat, except when the director attends such special meeting for the express purpose of objecting, at the beginning of the meeting, to the transaction of any business because the meeting is not lawfully called or convened. A majority of the authorized number of members of any such committee shall constitute a quorum for the transaction of business, and the act of a majority of those present at any meeting at which a quorum is present shall be the act of such committee.

Section 27. Organization. At every meeting of the directors, the Chairman of the Board, or, if the Chairman of the Board is absent, the Chief Executive Officer, or if the Chief Executive Officer is absent, the President, or if the President is absent, the most senior Vice President, or, in the absence of any such officer, a chairman of the meeting chosen by a majority of the directors present, shall preside over the meeting. The Secretary, or in his absence, an Assistant Secretary directed to do so by the Chief Executive Officer, shall act as secretary of the meeting.

ARTICLE V

Officers

Section 28. Officers.

(a) Officers Elected by the Board of Directors. The Board of Directors shall elect the Chairman of the Board, the Chief Executive Officer, the President and Chief Operating Officer, one or more Vice Presidents, the Chief Financial Officer and the Secretary of the corporation at each annual meeting of the Board of Directors. The Board of Directors also may appoint such other officers and agents with such powers and duties as it shall deem necessary. The order of the seniority of the Vice Presidents shall be in the order of their nomination, unless otherwise determined by the Board of Directors. The Board of Directors may assign such additional titles to one or more of the officers as it shall deem appropriate.

(b) Other Officers. The Chief Executive Officer shall have the power to appoint in writing such additional vice presidents of the corporation as he or she shall deem necessary or appropriate, with such titles as appropriately reflect the authority and responsibility of such officers. Such appointment shall become effective upon the delivery of such writing to the Secretary of the Company. The Chief Executive Officer shall annually appoint officers on the date of the annual meeting of the Board of Directors.

(c) In general. Any one person may hold any number of offices of the corporation at any one time unless specifically prohibited therefrom by law. For purposes of these bylaws, unless specified otherwise herein, references to "officers" shall refer to both officers elected by the board of directors and officers appointed by the Chief Executive Officer.

Section 29. Tenure and Duties of Officers.

(a) General. All officers shall hold office at the pleasure of the Board of Directors and until their successors shall have been duly elected and qualified, or until such officer's earlier resignation or removal. If the office of any officer becomes vacant for any reason, the vacancy may be filled by the Board of Directors. In addition, each officer appointed by the Chief Executive Officer shall also hold office at the pleasure of the Board of Directors or the Chief Executive Officer and until his or her successor shall have been appointed by the Chief Executive Officer, or until such officer's earlier resignation or removal. If the office of any officer appointed

by the Chief Executive Officer becomes vacant for any reason, the vacancy may also be filled by the Chief Executive Officer.

(b) Duties of Chairman of the Board. The Chairman of the Board, subject to the control of the Board of Directors, shall perform such duties and functions as are necessary to further the strategic direction of the corporation. Unless the Board of Directors designates another person, the Chairman of the Board shall preside at all meetings of the stockholders, the Board of Directors and of the Executive Committee.

(c) Duties of Chief Executive Officer. The Chief Executive Officer, at the request of the Chairman of the Board or upon his absence or disability, or in the event of a vacancy in the office of Chairman of the Board, shall exercise all the powers of Chairman of the Board as provided in Subsection 29(b). The Chief Executive Officer shall, subject to the control of the Board of Directors, exercise general management and supervision over the property, affairs and business of the corporation and shall authorize officers of the corporation, other than the Chairman of the Board, to exercise such powers as he, in his discretion, may deem to be in the best interests of the corporation. The Chief Executive Officer shall in general perform all duties incident to general management and supervision of the corporation and such other duties as the Board of Directors shall designate from time to time.

(d) Duties of President and Chief Operating Officer. The President and Chief Operating Officer, at the request of the Chief Executive Officer or upon his absence or disability, or in the event of a vacancy in the office of Chief Executive Officer, shall exercise all the powers of Chief Executive Officer as provided in Subsection 29(c). The President and Chief Operating Officer shall, subject to the control of the Chief Executive Officer and the Board of Directors, exercise general management and supervision over the operating functions of the corporation, and shall authorize officers of the corporation, other than the Chairman of the Board and the Chief Executive Officer, to exercise such powers with respect to the operating function of the corporation as he, in his discretion, may deem to be in the best interests of the corporation. The President and Chief Operating Officer shall perform such other duties and have such other powers as the Board of Directors shall designate from time to time. The offices of President and Chief Operating Officer may be held by either the same person or different persons. If held by different persons, each such officer shall perform the duties customarily incident to his or her office unless otherwise determined by the Board of Directors. In the event the offices of President and Chief Operating Officer are held by two

different persons, the office of President shall rank superior to the office of Chief Operating Officer.

(e) Duties of Vice Presidents. The Vice Presidents, in the order of their seniority, may assume and perform the duties of the President and Chief Operating Officer in the absence or disability of the Chief Executive Officer and the President and Chief Operating Officer or whenever the offices of Chief Operating Officer and President and Chief Operating Officer are vacant. The Vice Presidents shall perform other duties commonly incident to their office and also shall perform such other duties and have such other powers as the Board of Directors, the Chief Executive Officer, or the President and Chief Operating Officer shall designate from time to time.

(f) Duties of Chief Financial Officer. The Chief Financial Officer shall keep or cause to be kept the books of account of the corporation in a thorough and proper manner, and shall render statements of the financial affairs of the corporation in such form and as often as required by the Board of Directors or the Chief Executive Officer. The Chief Financial Officer, subject to the order of the Board of Directors, shall have the custody of all funds and securities of the corporation. The Chief Financial Officer shall perform other duties commonly incident to his office and also shall perform such other duties and have such other powers as the Board of Directors or the Chief Executive Officer shall designate from time to time. The Chief Executive Officer may direct any Assistant Chief Financial Officer to assume and perform the duties of the Chief Financial Officer in the absence or disability of the Chief Financial Officer, and each Assistant Chief Financial Officer shall perform other duties commonly incident to his office and also shall perform such other duties and have such other powers as the Board of Directors or the Chief Executive Officer shall designate from time to time.

(g) Duties of Secretary. The Secretary shall attend all meetings of the stockholders and of the Board of Directors, and shall record all acts and proceedings thereof in the minute books of the corporation. The Secretary shall give notice in conformity with these Bylaws of all meetings of the stockholders, and of all meetings of the Board of Directors and any committee thereof requiring notice. The Secretary shall perform all other duties given him in these Bylaws and other duties commonly incident to his office and also shall perform such other duties and have such other powers as the Board of Directors shall designate from time to time. The Chief Executive Officer may direct any Assistant Secretary to assume and perform the duties of the Secretary in the absence or disability of the Secretary, and each Assistant Secretary shall perform other duties commonly incident to his office and also shall perform such other duties and have such other powers as the Board of Directors or the Chief Executive Officer shall designate from time to time.

incident to his office and also shall perform such other duties and have such other powers as the Board of Directors or the Chief Executive Officer shall designate from time to time.

(h) Duties of Other Officers. In addition to any other powers set forth in these Bylaws, officers elected or appointed by the Board of Directors or the Chief Executive Officer, respectively, shall perform the duties customarily incident to such officer's position and such other duties as may from time to time be assigned to such officer by the Board of Directors or the Chief Executive Officer, as applicable.

Section 30. Resignations. Any officer may resign at any time by giving written notice to the Board of Directors or to the Chief Executive Officer or to the President or to the Secretary. Any such resignation shall be effective when received by the person or persons to whom such notice is given, unless a later time is specified therein, in which event the resignation shall become effective at such later time. Unless otherwise specified in such notice, the acceptance of any such resignation shall not be necessary to make it effective.

Section 31. Removal. Any officer may be removed from office at any time, with or without cause, by the vote or written consent of a majority of the directors in office at the time, or by any committee or superior officers upon whom such power of removal may have been conferred by the Board of Directors. In addition, any officer appointed by the Chief Executive Officer may be removed from office at any time, with or without cause, by the Chief Executive Officer.

Section 32. Compensation. The compensation of the officers shall be fixed from time to time by the Board of Directors, and no officer shall be prevented from receiving such compensation by reason of the fact that such officer is also a director of the corporation. In addition, the compensation of officers appointed by the Chief Executive Officer may also be fixed from time to time by the Chief Executive Officer.

ARTICLE VI

Execution of Corporate Instruments and Voting of Securities Owned by the Corporation

Section 33. Execution of Corporate Instruments. The Board of Directors may, in its discretion, determine the method and designate the signatory officer or officers, or other person or persons, to execute on behalf of the corporation any corporate instrument or document, or to sign on behalf of the corporation the corporate name without limitation, or to enter into contracts

on behalf of the corporation, except where otherwise provided by law or these Bylaws, and such execution or signature shall be binding upon the corporation.

Unless otherwise specifically determined by the Board of Directors or otherwise required by law, promissory notes, deeds of trust, mortgages and other evidences of indebtedness of the corporation, and other corporate instruments or documents requiring the corporate seal, and certificates of shares of stock owned by the corporation, shall be executed, signed or endorsed by the Chairman of the Board, or the Chief Executive Officer, or the President or any Vice President, and by the Secretary or Treasurer or any Assistant Secretary or Assistant Treasurer. All other instruments and documents requiring the corporate signature, but not requiring the corporate seal, may be executed as aforesaid or in such other manner as may be directed by the Board of Directors.

All checks and drafts drawn on banks or other depositaries on funds to the credit of the corporation or in special accounts of the corporation shall be signed by such person or persons as the Board of Directors shall authorize so to do.

Section 34. Voting of Securities Owned by the Corporation. All stock and other securities of other corporations owned or held by the corporation for itself, or for other parties in any capacity, shall be voted, and all proxies with respect thereto shall be executed, by the person authorized to do so by resolution of the Board of Directors, or, in the absence of such authorization, by the Chairman of the Board, the Chief Executive Officer, the President, or any Vice President.

ARTICLE VII

Shares of Stock

Section 35. Form and Execution of Certificates. The shares of the corporation shall be represented by certificates, provided that the Board of Directors of the corporation may provide by resolution or resolutions that some or all of any or all classes or series of its stock shall be uncertificated shares. Any such resolution shall not apply to shares represented by a certificate until such certificate is surrendered to the corporation. Notwithstanding the adoption of such a resolution by the Board of Directors, every holder of stock represented by certificates and upon request every holder of uncertificated shares shall be entitled to have a certificate signed by, or in the name of the corporation by, the Chairman of the Board or any vice-chairman of the Board of Directors, or the President or any Vice-President, and by the Treasurer or an Assistant Treasurer, or the Secretary or an Assistant Secretary of the corporation representing the number of shares registered in certificate form. Any or all the signatures on the certificate may be a facsimile. In case any officer, transfer agent, or registrar who has signed or whose facsimile signature has been placed upon a certificate shall have ceased to be such officer, transfer agent or registrar before such certificate is issued, it may be issued by the corporation with the same effect as if he were such officer, transfer agent or registrar at the date of issue.

Section 36. Lost Certificates. The corporation may issue a new certificate of stock or uncertificated shares in place of any certificate theretofore issued by the corporation alleged to have been lost, stolen or destroyed, and the corporation may require the owner of such lost, stolen or destroyed certificate, or his legal representative, to give the corporation a bond sufficient to indemnify it against any claim that may be made against the corporation on account of the alleged loss, theft or destruction of any such certificate or the issuance of such new certificate or uncertificated shares.

Section 37. Transfers. Transfers of record of shares of stock of the corporation shall be made only upon its books by the holders thereof, in person or by attorney duly authorized, and upon the surrender of a properly endorsed certificate or certificates for a like number of shares.

Section 38. Fixing Record Dates. In order that the corporation may determine the stockholders entitled to notice of or to vote at any meeting of stockholders or any adjournment thereof, or to express consent to corporate action in writing

without a meeting, or entitled to receive payment of any dividend or other distribution or allotment of any rights, or entitled to exercise any rights in respect of any change, conversion or exchange of stock or for the purpose of any other lawful action, the Board of Directors may fix, in advance, a record date, which shall not be more than sixty (60) nor less than ten (10) days before the date of such meeting, nor more than sixty (60) days prior to any other action. If no record date is fixed: (a) the record date for determining stockholders entitled to notice of or to vote at a meeting of stockholders shall be at the close of business on the day next preceding the day on which notice is given, or, if notice is waived, at the close of business on the day next preceding the day on which the meeting is held; and (b) the record date for determining stockholders for any other purpose shall be at the close of business on the day on which the Board of Directors adopts the resolution relating thereto. A determination of stockholders of record entitled to notice of or to vote at a meeting of stockholders shall apply to any adjournment of the meeting; provided, however, that the Board of Directors may fix a new record date for the adjourned meeting.

Section 39. Registered Stockholders. The corporation shall be entitled to recognize the exclusive right of a person registered on its books as the owner of shares to receive dividends, and to vote as such owner, and shall not be bound to recognize any equitable or other claim to or interest in such share or shares on the part of any other person whether or not it shall have express or other notice thereof, except as otherwise provided by the laws of Delaware.

Section 40. Issuance, Transfer and Resignation of Shares. The Board of Directors may make such rules and regulations, not inconsistent with law or with these Bylaws, as it may deem advisable concerning the issuance, transfer and registration of certificates for shares of the capital stock of the corporation. The Board of Directors may appoint a transfer agent or registrar of transfers, or both, and may require all certificates for shares of the corporation to bear the signature of either or both.

ARTICLE VIII

Other Securities of the Corporation

Section 41. Execution of Other Securities. All bonds, debentures and other corporate securities of the corporation, other than stock certificates, may be signed by the Chairman of the Board, the Chief Executive Officer, the President or any Vice President, or such other person as may be authorized by the Board of Directors, and the corporate seal impressed thereon or a

facsimile of such seal imprinted thereon and attested by the signature of the Secretary or an Assistant Secretary, or the Treasurer or an Assistant Treasurer; provided, however, that where any such bond, debenture or other corporate security shall be authenticated by the manual signature of a trustee under an indenture pursuant to which such bond, debenture or other corporate security shall be issued, the signatures of the persons signing and attesting the corporate seal on such bond, debenture or other corporate security may be the imprinted facsimile of the signatures of such persons. Interest coupons appertaining to any such bond, debenture or other corporate security, authenticated by a trustee as aforesaid, shall be signed by the Treasurer or an Assistant Treasurer of the corporation or such other person as may be authorized by the Board of Directors, or bear imprinted thereon the facsimile signature of such person. In case any officer who shall have signed or attested any bond, debenture or other corporate security, or whose facsimile signature shall appear thereon or on any such interest coupon, shall have ceased to be such officer before the bond, debenture or other corporate security so signed or attested shall have been delivered, such bond, debenture or other corporate security nevertheless may be adopted by the corporation and issued and delivered as though the person who signed the same or whose facsimile signature shall have been used thereon had not ceased to be such officer of the corporation.

ARTICLE IX

Dividends

Section 42. Declaration of Dividends. Dividends upon the capital stock of the corporation, subject to the provisions of the Certificate of Incorporation, if any, may be declared by the Board of Directors pursuant to law at any regular or special meeting. Dividends may be paid in cash, in property, or in shares of the capital stock, subject to the provisions of the Certificate of Incorporation.

Section 43. Dividend Reserve. Before payment of any dividend, there may be set aside out of any funds of the corporation available for dividends such sum or sums as the Board of Directors may from time to time, in its absolute discretion, think proper as a reserve or reserves to meet contingencies, or for equalizing dividends, or for repairing or maintaining any property of the corporation, or for such other purpose as the Board of Directors shall think conducive to the interests of the corporation, and the Board of Directors may modify or abolish any such reserve in the manner in which it was created.

ARTICLE X

Fiscal Year

Section 44. Fiscal Year. Unless otherwise fixed by resolution of the Board of Directors, effective as of January 1, 1992, the fiscal year of the corporation shall end on the 31st day of the month of December in each calendar year.

ARTICLE XI

Indemnification of Directors, Officers Employees and Other Agents

Section 45. Indemnification of Directors, Officers, Employees and Other Agents.

(a) Directors and Officers. The corporation shall indemnify its directors and officers to the full extent permitted by the Delaware General Corporation Law, as the same exists or may hereafter be amended (but, in the case of any such amendment, only to the extent that such amendment permits the corporation to provide broader indemnification rights than said Law permitted the corporation to provide prior to such amendment); provided, further, that the corporation shall not be required to indemnify any director or officer in connection with any proceeding (or part thereof) initiated by such person or any proceeding by such person against the corporation or its directors, officers, employees or other agents unless (i) such indemnification is expressly required to be made by law, (ii) the proceeding was authorized by the Board of Directors of the corporation or (iii) such indemnification is provided by the corporation, in its sole discretion, pursuant to the powers vested in the corporation under the Delaware General Corporation Law, or (iv) such indemnification is required to be made under subsection (d) of this Article XI.

(b) Other Employees and Other Agents. The corporation shall have the power to indemnify its other employees and other agents as set forth in the Delaware General Corporation Law.

(c) Expenses. The corporation shall to the fullest extent not prohibited by applicable law advance to any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative, by reason of the fact that he is or was a director or officer of the corporation, or is or was serving at the request of the corporation as a director or officer of another corporation, partnership, joint venture, trust or other enterprise, prior to

the final disposition of any such proceeding, promptly following request therefor, all expenses incurred by any director or officer in connection with such proceeding upon receipt of any undertaking by or on behalf of such person to repay said amounts if it should be determined ultimately that such person is not entitled to be indemnified under this Bylaw or otherwise.

Notwithstanding the foregoing, unless otherwise determined pursuant to paragraph (d) of this Bylaw, no advance shall be made by the corporation to an officer of the corporation in any action, suit or proceeding, whether civil, criminal, administrative or investigative, if a determination is reasonably and promptly made (1) by the Board of Directors by a majority vote of a quorum consisting of directors who were not parties to the proceeding, or (2) if such quorum is not obtainable, or, even if obtainable, a quorum of disinterested directors so directs, by independent legal counsel in a written opinion that, the facts known to the decision-making party at the time such determination is made demonstrate clearly and convincingly that such person acted in bad faith or in a manner that such person did not reasonably believe to be in or not opposed to the best interests of the corporation, or, with respect to any criminal action or proceeding, such person believed or had reasonable cause to believe his conduct was unlawful, except by reason of the fact that such officer is or was a director of the corporation or is or was serving at the request of the corporation as a director of another corporation, joint venture, trust or other enterprise in which event this paragraph shall not apply.

(d) Enforcement. Without the necessity of entering into an express contract, all rights to indemnification and advances under this Bylaw shall be deemed to be contractual rights and be effective to the same extent and as if provided for in a contract between the corporation and the director or officer who serves in such capacity at any time while this Bylaw and other relevant provisions of the Delaware General Corporation Law and other applicable law, if any, are in effect. Any right to indemnification or advances granted by this Bylaw to a director or officer shall be enforceable by or on behalf of the person holding such right in any court of competent jurisdiction if (i) the claim for indemnification or advances is denied, in whole or in part, or (ii) no disposition of such claim is made within ninety (90) days of request therefor. The claimant in such enforcement action, if successful in whole or in part, shall be entitled to be paid also the expense of prosecuting his claim. In connection with any claim for indemnification, the corporation shall be entitled to raise as a defense to any such action that the claimant has not met the standards of conduct which make it permissible under the Delaware General Corporation Law for the corporation to indemnify the claimant for the amount claimed. In

connection with any claim by an officer of the corporation (except in any action, suit or proceeding, whether civil, criminal, administrative or investigative, by reason of the fact that such officer is or was a director of the corporation or is or was serving at the request of the corporation as a director of another corporation, partnership, joint venture, trust or other enterprise) for advances, the corporation shall be entitled to raise a defense as to any such action clear and convincing evidence that such person acted in bad faith or in a manner that such person did not reasonably believe to be in or not opposed to the best interests of the corporation, and, with respect to any criminal action or proceeding, such person believed or had reasonable cause to believe his conduct was unlawful. Neither the failure of the corporation (including its Board of Directors, independent legal counsel or its stockholders) to have made a determination prior to the commencement of such action that indemnification of the claimant is proper in the circumstances because he has met the applicable standard of conduct set forth in the Delaware General Corporation Law, nor an actual determination by the corporation (including its Board of Directors, independent legal counsel or its stockholders) that the claimant has not met such applicable standard of conduct, shall be a defense to the action or create a presumption that claimant has not met the applicable standard of conduct. In any suit brought by a director or officer to enforce a right to indemnification or to an advancement of expenses hereunder, the burden of proving that the director or officer is not entitled to be indemnified, or to such advancement of expenses, under this Article XI or otherwise shall be on the corporation.

(e) Non-Exclusivity of Rights. The rights conferred on any person by this Bylaw shall not be exclusive of any other right which such person may have or hereafter acquire under any statute, provision of the Certificate of Incorporation, Bylaws, agreement, vote of stockholders or disinterested directors or otherwise, both as to action in his official capacity and as to action in another capacity while holding office. The corporation is specifically authorized to enter into individual contracts with any or all of its directors, officers, employees or agents respecting indemnification and advances, as provided by law.

(f) Survival of Rights. The rights conferred on any person by this Bylaw shall continue as to a person who has ceased to be a director, officer, employee or other agent and shall inure to the benefit of the heirs, executors and administrators of such a person.

(g) Insurance. To the fullest extent permitted by the Delaware General Corporation Law, the corporation, upon approval by the Board of Directors, may purchase insurance on behalf of

any person required or permitted to be indemnified pursuant to this Bylaw.

(h) Amendments. Any repeal or modification of this Bylaw shall only be prospective and shall not affect the rights under this Bylaw in effect at the time of the alleged occurrence of any action or omission to act that is the cause of any proceeding against any agent of the corporation.

(i) Savings Clause. If this Bylaw or any portion hereof shall be invalidated on any ground by any court of competent jurisdiction, then the corporation shall nevertheless indemnify each director and officer to the full extent permitted by any applicable portion of this Bylaw that shall not have been invalidated, or by any other applicable law.

(j) Certain Definitions. For the purposes of this Bylaw, the following definitions shall apply:

(i) The term “proceeding” shall be broadly construed and shall include, without limitation, the investigation, preparation, prosecution, defense, settlement, arbitration and appeal of, and the giving of testimony in, any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative.

(ii) The term “expenses” shall be broadly construed and shall include, without limitation, court costs, attorneys’ fees, witness fees, fines, amounts paid in settlement or judgment and any other costs and expenses of any nature or kind incurred in connection with any proceeding.

(iii) The term the “corporation” shall include, in addition to the resulting corporation, any constituent corporation (including any constituent of a constituent) absorbed in a consolidation or merger which, if its separate existence had continued, would have had power and authority to indemnify its directors, officers, and employees or agents, so that any person who is or was a director, officer, employee or agent of such constituent corporation, or is or was serving at the request of such constituent corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, shall stand in the same position under the provisions of this Bylaw with respect to the resulting or surviving corporation as he would have with respect

to such constituent corporation if its separate existence had continued.

(iv) References to a “director,” “officer,” “employee,” or “agent” of the corporation shall include, without limitation, situations where such person is serving at the request of the corporation as, respectively, a director, officer, employee, trustee or agent of another corporation, partnership, joint venture, trust or other enterprise.

(v) References to “other enterprises” shall include employee benefit plans; references to “fines” shall include any excise taxes assessed on a person with respect to any employee benefit plan; and references to “serving at the request of the corporation” shall include any service as a director, officer, employee or agent of the corporation which imposes duties on, or involves services by, such director, officer, employee, or agent with respect to an employee benefit plan, its participants, or beneficiaries; and a person who acted in good faith and in a manner he reasonably believed to be in the interest of the participants and beneficiaries of an employee benefit plan shall be deemed to have acted in a manner “not opposed to the best interests of the corporation” as referred to in this Bylaw.

ARTICLE XII

Notices

Section 46. Notices.

(a) Notice to Stockholders. Whenever under any provisions of these Bylaws notice is required to be given to any stockholder, it shall be given in writing or by a form of electronic transmission in accordance with applicable law. If mailed, such notice shall be deemed to be given when deposited in the United States mail, postage prepaid, directed to the stockholder at such stockholder’s address as it appears on the records of the corporation.

(b) Notice to Directors. Any notice required to be given to any director may be given by the method stated in subsection (a), or by telegram, telecopier, telephone or other means of electronic transmission, except that such notice other than one which is delivered personally shall be sent to such address as such director shall have filed in writing with the

Secretary, or, in the absence of such filing, to the last known post office address of such director.

(c) Address Unknown. If no address of a stockholder or director be known, notice may be sent to the office of the corporation required to be maintained pursuant to Section 2 hereof.

(d) Affidavit of Mailing. An affidavit of mailing, executed by a duly authorized and competent employee of the corporation or its transfer agent appointed with respect to the class of stock affected, specifying the name and address or the names and addresses of the stockholder or stockholders, or director or directors, to whom any such notice or notices was or were given, and the time and method of giving the same, shall be conclusive evidence of the statements therein contained.

(e) Time Notices Deemed Given. All notices given by mail, as above provided, shall be deemed to have been given as at the time of mailing and all notices given by telegram, telecopier, telephone or other means of electronic transmission shall be deemed to have been given as at the sending time recorded by the telegraph company or electronic device transmitting the notices.

(f) Methods of Notice. It shall not be necessary that the same method of giving notice be employed in respect of all directors, but one permissible method may be employed in respect of any one or more, and any other permissible method or methods may be employed in respect of any other or others.

(g) Failure to Receive Notice. The period or limitation of time within which any stockholder may exercise any option or right, or enjoy any privilege or benefit, or be required to act, or within which any director may exercise any power or right, or enjoy any privilege, pursuant to any notice sent him in the manner above provided, shall not be affected or extended in any manner by the failure of such stockholder or such director to receive such notice.

(h) Notice to Person with Whom Communication Is Unlawful. Whenever notice is required to be given, under any provision of law or of the Certificate of Incorporation or Bylaws of the corporation, to any person with whom communication is unlawful, the giving of such notice to such person shall not be required and there shall be no duty to apply to any governmental authority or agency for a license or permit to give such notice to such person. Any action or meeting which shall be taken or held without notice to any such person with whom communication is unlawful shall have the same force and effect as if such notice

had been duly given. In the event that the action taken by the corporation is such as to require the filing of a certificate under any provision of the Delaware General Corporation Law, the certificate shall state, if such is the fact and if notice is required, that notice was given to all persons entitled to receive notice except such persons with whom communication is unlawful.

ARTICLE XIII

Amendments

Section 47. Amendments. These Bylaws may be repealed, altered or amended or new Bylaws adopted by the affirmative vote of the holders of not less than sixty-six and two-thirds percent (66-2/3%) of the outstanding shares of stock entitled to vote upon the election of directors. The Board of Directors also shall have the authority, if such authority is conferred upon the Board of Directors by the Certificate of Incorporation, to repeal, alter or amend these Bylaws or adopt new Bylaws (including, without limitation, the amendment of any Bylaw setting forth the number of directors who shall constitute the whole Board of Directors) subject to the foregoing power of the stockholders to change or repeal such Bylaws and provided that the Board of Directors shall not make or alter any Bylaws fixing the qualifications, classifications, term of office or compensation of directors.

ARTICLE XIV

Loans of Officers and Others

Section 48. Certain Corporate Loans and Guaranties. The corporation may to the fullest extent not prohibited by applicable law make loans of money or property to, or guarantee the obligations of, or otherwise assist any officer or other employee who is a director of the corporation or its parent or any subsidiary, or adopt an employee benefit plan or plans authorizing such loans or guaranties, upon the approval of the Board of Directors alone if the Board of Directors determines that such a loan or guaranty or plan may reasonably be expected to benefit the corporation.

**AMENDMENT NO.12
TO SHAREHOLDERS' AGREEMENT OF KIRIN-AMGEN**

AMENDMENT NO.12 (this "Amendment") dated January 31, 2001, to the Shareholders' Agreement of Kirin-Amgen dated May 11, 1984 (as amended, the "Shareholders' Agreement") among Kirin Brewery Co., Ltd., a Japanese corporation with principal offices located at 10-1, Shinkawa 2-chome, Chuo-ku, Tokyo, 104-8288, Japan ("Kirin"), Amgen Inc., a Delaware corporation with principal offices located at One Amgen Center Drive, Thousand Oaks, California 91320 ("Amgen") and Kirin-Amgen, Inc., a Delaware corporation with principal offices located at c/o Amgen Europe AG, Grabenhof, 6010 Kirens, Switzerland ("Kirin-Amgen").

WITNESSETH:

WHEREAS, Kirin, Amgen and Kirin-Amgen entered into RESEARCH, DEVELOPMENT AND TECHNOLOGY DISCLOSURE AGREEMENT: TPO/MGDF (hereinafter, the "Research Agreement") and TPO/MGDF TECHNOLOGY TRANSFER AGREEMENT, (hereinafter, the "Technology Agreement"; collectively these two agreements shall be referred to as the "Agreements") and Kirin and Amgen each entered into a TPO/MGDF LICENSE AGREEMENT with Kirin-Amgen (hereinafter respective called the "Kirin License Agreement" and the "Amgen License Agreement"), all these agreements dated December 9, 1994 and effective as of June 14, 1994.

WHEREAS, this Amendment sets forth certain agreement between the Parties with respect to the manufacture, production and worldwide commercial sale of human diagnostics and reagents relating to TPO/MGDF (as defined in the Agreements).

WHEREAS, this Amendment also sets forth certain agreement between the Parties with respect to the prior arrangements implemented with respect to the sale of human diagnostics and reagents relating to Epo and G-CSF.

NOW, THEREFORE, in consideration of the mutual covenants expressed herein and other good and valuable consideration, the parties agree as follows:

1. COMMERCIAL REAGENT: EXPANSION OF BUSINESS OPPORTUNITIES

1.01 License to Kirin-Amgen. The Parties hereto agree that Kirin and Amgen each grant Kirin-Amgen a royalty-free, exclusive and worldwide license to develop, make, have made, use, sell and have sold human diagnostics and commercial reagents, including but not limited to a reagent, kit or service using such reagent and/or kit, relating to TPO/MGDF ("TPO/MGDF Commercial Reagent") for uses not included within Human Pharmaceutical Use (as defined in the Agreements) and not included as veterinary or animal uses (the "Field of Use"). The Parties agree that the right to develop, make, have made, use, sell and have sold TPO/MGDF Commercial Reagent shall include the right to develop, make, have made, use, sell and have sold antibodies

relating to the TPO/MGDF to the extent required for use in TPO/MGDF Commercial Reagent within the Field of Use.

1.02 License to Kirin and Amgen. The Parties hereto agree that Kirin-Amgen grants Kirin and Amgen, respectively, a royalty-free, co-exclusive (with Amgen and Kirin only) and worldwide license to develop, make, have made, use, sell and have sold the TPO/MGDF Commercial Reagent in the Field of Use.

1.03 Territories. Amgen's right granted by Kirin-Amgen under the Amgen License Agreement shall be royalty-free, worldwide and co-exclusive with Kirin with respect to the TPO/MGDF Commercial Reagent. Kirin's right granted by Kirin-Amgen under the Kirin License Agreement shall be royalty-free, worldwide and co-exclusive with Amgen with respect to the TPO/MGDF Commercial Reagent.

2. FIRST COMMERCIAL SALE

The Parties hereto agree that the sale of TPO/MGDF Commercial Reagent shall not be considered to be the First Commercial Sale (as defined in the Research Agreement). Except for the purpose of the sale or promotion of the TPO/MGDF Commercial Reagent, neither Kirin nor Amgen shall provide TPO/MGDF to third parties in any country outside of their respective territories (as defined as "Kirin Territory" and "Amgen Territory" in the Agreements) without prior written consent of the other party, prior to the First Commercial Sale of TPO/MGDF by the other party or its affiliates or licensees in that country.

3. CONSISTENCY WITH SHAREHOLDERS' AGREEMENT; RATIFICATION

3.01 Consistency. The rights and obligations of the Parties hereto with respect to this Amendment No. 12 as an expansion of Kirin-Amgen's business opportunities are otherwise consistent with the Shareholders' Agreement.

3.02 Ratification. All of the terms and conditions of the Shareholders' Agreement as amended by this Amendment No.12 are hereby ratified and confirmed in all respects.

4. FURTHER INSTRUMENTS

The Parties hereto agree to perform any and all further acts and execute and deliver any and all further documents and/or instruments which may be reasonable or necessary to carry out the provisions of this Amendment.

5. RATIFICATION OF PAST ARRANGEMENTS WITH RESPECT TO HUMAN DIAGNOSTICS AND COMMERCIAL REAGENT SALES OF EPO AND G-CSF

The parties agree and acknowledge and hereby formally ratify the following:

A. Effective as of January 1, 1991: Amgen shall have exclusive, royalty-free rights to sell human diagnostics and commercial reagents of EPO throughout the world with the exception of Japan; Kirin shall have the exclusive royalty-free rights to sell human diagnostics and commercial reagents of EPO within Japan. Except as modified herein, the terms of such agreement are set forth in Amendment No. 1 to the Shareholders' Agreement and the relevant exhibits thereto.

B. Effective as of January 1, 1991: Amgen shall have exclusive, royalty-free rights to sell human diagnostics and commercial reagents of G-CSF within the United States, Europe, Australia, Canada and New Zealand; Kirin shall the exclusive royalty-free rights to sell human diagnostics and commercial reagents of G-CSF within Japan, Korea, Taiwan and the PRC; Kirin and Amgen shall share co-exclusive, royalty-free rights to sell human diagnostics and commercial reagents of G-CSF for the rest of the world.

C. There will be no alteration, adjustment or correction in the past payment (or lack of payment) of any royalty related to sales of commercial reagents or human diagnostics for EPO or G-CSF by either Party prior to the execution of this document. The Parties ratify all previous activity in the area of accounting for past sales.

D. Except as specifically set forth above, this subsection does not alter or amend any existing agreement involving Kirin, Amgen and/or Kirin-Amgen with respect to human diagnostics and/or commercial reagents.

IN WITNESS WHEREOF, the Parties hereto have caused this Amendment to be executed by their duly authorized representatives in the manner legally binding on them.

Kirin Brewery Co., Ltd.

/s/ Koichiro Aramaki

By: Koichiro Aramaki

Title: President, Pharmaceutical Division

Amgen Inc.

/s/ Craig Brooks

By: Craig Brooks

Title: Vice President, APLA

Kirin-Amgen, Inc.

/s/ Katsuhiko Asano

By: Katsuhiko Asano, Ph.D.

Title: Chairman

**AMENDMENT NO. 4
TO THE
ENBREL® SUPPLY AGREEMENT**

This Amendment No 4 (this "Amendment No. 4") is made as of this 21st day of May, 2004 (the "Amendment No. 4 Effective Date") by and among Immunex Corporation, a Washington corporation having its principal place of business at One Amgen Center Drive, Thousand Oaks, California 91320 (together with its Affiliates, "Immunex"), Wyeth (formerly, "American Home Products Corporation"), a Delaware corporation having its corporate headquarters at Five Giralda Farms, Madison, New Jersey 07940, acting through its Wyeth Pharmaceuticals division (together with its Affiliates, "Wyeth"), and Boehringer Ingelheim Pharma GmbH & Co. KG, a German corporation having a place of business at Birkendorfer Straße 65, 88397 Biberach an der Riss, Federal Republic of Germany ("BIP"), and amends the Enbrel® Supply Agreement effective as of November 5, 1998, as amended by Amendment No. 1 effective June 27, 2000, Amendment No. 2 effective June 3, 2002, and Amendment No. 3 effective December 18, 2002 (the "Agreement").

WHEREAS, Immunex, Wyeth and BIP have entered into the Agreement for BIP's supply of *Enbrel*® (etanercept) to Immunex and Wyeth; and

WHEREAS, the Parties have determined that in addition to the rights and obligations set forth in the Agreement, they wish to have BIP manufacture and supply Immunex and Wyeth with vials of *Enbrel*® in 50 mg. dosage forms.

NOW, THEREFORE, in consideration of the mutual covenants contained herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereto, each intended to be legally bound, hereby agree as follows:

1. Capitalized Terms. All initially capitalized terms used herein and not defined shall have the meanings set forth in the Agreement.

2. Drug Product and Finished Product Including 50 mg. Dosage Forms. Beginning on the Amendment No. 4 Effective Date, all reference to vials of Drug Product or Finished Product in the Agreement shall include vials containing fifty (50) mg. of lyophilized Bulk Drug Substance, as well as vials containing ten (10) mg. and twenty-five (25) mg. of lyophilized Bulk Drug Substance. Exhibit B and Exhibit C attached to the Agreement shall be stricken and replaced with the revised Exhibit B and Exhibit C attached to this Amendment No. 4.

3. Price for Filling and Lyophilization Services. Exhibit E attached to the Agreement shall be stricken and replaced with Exhibit E attached to this Amendment No. 4, which includes the price for filling and lyophilization services.

4. Price for Labeling Services. Exhibit F attached to the Agreement shall be stricken and replaced with Exhibit F attached to this Amendment No. 4, which includes the price for labeling services.

5. Logistics. All logistical matters (including forecasting and detailed ordering) shall take place according to the existing procedures laid down in the Agreement.

6. Effect of Amendment No. 4 on Agreement. In the event of any conflict between the terms and conditions of the Agreement and the terms and conditions of this Amendment No. 4, the terms and conditions of this Amendment No. 4 shall control. Except as otherwise set forth in this Amendment No. 4, all other terms and provisions of the Agreement shall remain in full force and effect.

7. Agreement between Immunex and Wyeth. Except as expressly set forth herein, this Amendment No. 4, represents the entire agreement among Immunex, Wyeth, and BIP with respect to the addition of the fifty (50) mg. dosage form vials to the Agreement, and the terms of this Amendment No. 4 cannot be amended except by a written agreement signed by all of the Parties. As regards the individual rights of Immunex and Wyeth with respect to the fifty (50) mg. dosage form vials, the same shall be governed by the Collaboration and Global Supply Agreement by and between Immunex and Wyeth effective November 6, 2001, as amended.

8. Counterparts. This Amendment No. 4 may be executed in one or more counterparts, each of which shall constitute together the same document.

IN WITNESS WHEREOF, the Parties have, by their duly authorized persons, executed this Amendment No. 4 as of the Amendment No. 4 Effective Date.

Boehringer Ingelheim Pharma GmbH & Co. KG

By: /s/ Wolfram Carius
Name: Dr. Wolfram Carius
Title: Vice President, Biopharmaceuticals

ppa.
/s/ Hans Michelberger
Name: Dr. Hans Michelberger
Title: Head of Legal Dept.

Immunex Corporation

By: /s/ Efi Cohen-Arazi
Name: Efi Cohen-Arazi
Title: VP Corporate Manufacturing

**Wyeth, acting through its Wyeth
Pharmaceuticals division**

By: /s/ William M. Haskel
Name: William M. Haskel
Title: Vice President and Associate General Counsel

List of Exhibits:

- Exhibit B:** Drug Product Specifications of the 10/25/50 mg. vials
- Exhibit C:** Finished Product Specifications of the 10/25/50 mg. vials
- Exhibit E:** Supply Price for Fill and Lyophilization Services
- Exhibit F:** Supply Price for Labeling Services

CERTIFICATIONS

I, Kevin W. Sharer, Chairman of the Board, Chief Executive Officer and President of Amgen Inc., certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Amgen Inc.;
2. Based on my knowledge, this quarterly report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this quarterly report;
3. Based on my knowledge, the financial statements, and other financial information included in this quarterly report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this quarterly report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this quarterly report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this quarterly report based on such evaluation; and
 - (d) Disclosed in this quarterly report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: August 5, 2005

/s/ KEVIN W. SHARER
Kevin W. Sharer
Chairman of the Board
Chief Executive Officer and President

CERTIFICATIONS

I, Richard D. Nanula, Executive Vice President and Chief Financial Officer of Amgen Inc., certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Amgen Inc.;
2. Based on my knowledge, this quarterly report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this quarterly report;
3. Based on my knowledge, the financial statements, and other financial information included in this quarterly report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this quarterly report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this quarterly report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this quarterly report based on such evaluation; and
 - (d) Disclosed in this quarterly report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: August 5, 2005

/s/ RICHARD D. NANULA

Richard D. Nanula
Executive Vice President
and Chief Financial Officer

Certification of Chief Executive Officer

Pursuant to 18 U.S.C. § 1350, as created by Section 906 of the Sarbanes-Oxley Act of 2002, the undersigned officer of Amgen Inc. (the "Company") hereby certifies that:

- (i) the accompanying Quarterly Report on Form 10-Q of the Company for the period ended June 30, 2005 (the "Report") fully complies with the requirements of Section 13(a) or Section 15(d), as applicable, of the Securities Exchange Act of 1934, as amended; and
- (ii) information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Dated: August 5, 2005

/s/ KEVIN W. SHARER

Kevin W. Sharer
Chairman of the Board, Chief Executive
Officer and President

A signed original of this written statement required by Section 906 of the Sarbanes-Oxley Act of 2002 ("Section 906"), or other document authenticating, acknowledging, or otherwise adopting the signature that appears in typed form within the electronic version of this written statement required by Section 906, has been provided to Amgen Inc. and will be retained by Amgen Inc. and furnished to the Securities and Exchange Commission or its staff upon request.

Certification of Chief Financial Officer

Pursuant to 18 U.S.C. § 1350, as created by Section 906 of the Sarbanes-Oxley Act of 2002, the undersigned officer of Amgen Inc. (the "Company") hereby certifies that:

- (i) the accompanying Quarterly Report on Form 10-Q of the Company for the period ended June 30, 2005 (the "Report") fully complies with the requirements of Section 13(a) or Section 15(d), as applicable, of the Securities Exchange Act of 1934, as amended; and
- (ii) information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Dated: August 5, 2005

/s/ RICHARD D. NANULA

Richard D. Nanula
Executive Vice President
and Chief Financial Officer

A signed original of this written statement required by Section 906 of the Sarbanes-Oxley Act of 2002 ("Section 906"), or other document authenticating, acknowledging, or otherwise adopting the signature that appears in typed form within the electronic version of this written statement required by Section 906, has been provided to Amgen Inc. and will be retained by Amgen Inc. and furnished to the Securities and Exchange Commission or its staff upon request.