UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D. C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): February 12, 2008

RIGEL PHARMACEUTICALS, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation)

0-29889

(Commission File No.)

94-3248524

(IRS Employer Identification No.)

1180 Veterans Boulevard South San Francisco, CA 94080

(Address of principal executive offices and zip code)

Registrant's telephone number, including area code: (650) 624-1100

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

□ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

ITEM 2.02. RESULTS OF OPERATIONS AND FINANCIAL CONDITION.

On February 12, 2008, Rigel Pharmaceuticals, Inc. announced certain financial results for its fourth quarter and year ended December 31, 2007. A copy of Rigel's press release, entitled "Rigel Announces Fourth Quarter and Year End 2007 Financial Results," is furnished pursuant to Item 2.02 as Exhibit 99.1 hereto.

ITEM 9.01. FINANCIAL STATEMENTS AND EXHIBITS.

(d) Exhibits.

 Exhibit No.
 Description

 99.1
 Press Release, dated February 12, 2008, entitled "Rigel Announces Fourth Quarter and Year End 2007 Financial Results."

The information in this report, including the exhibit hereto, shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that Section 11 and 12(a)(2) of the Securities Act of 1933, as amended. The information contained herein and in the accompanying exhibit shall not be incorporated by reference into any filing with the U.S. Securities and Exchange Commission made by Rigel Pharmaceuticals, Inc., whether made before or after the date hereof, regardless of any general incorporation language in such filing.

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

RIGEL PHARMACEUTICALS, INC.

By: /s/ Dolly Vance

EXHIBIT INDEX

| Exhibit No. | Description |
|-------------|--|
| 99.1 | Press Release, dated February 12, 2008, entitled "Rigel Announces Fourth Quarter and Year End 2007 Financial Results." |
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1180 Veterans Bivd. South San Francisco, CA 94080 Main Phone: 650.624.1100 FAX: 650.624.1101 http://www.rigel.com

Rigel Announces Fourth Quarter and Year End 2007 Financial Results

SOUTH SAN FRANCISCO, Calif.—February 12, 2008—Rigel Pharmaceuticals, Inc. (Nasdaq: RIGL) today reported financial results for the fourth quarter and year ended December 31, 2007.

For the fourth quarter of 2007, Rigel reported a net loss of \$19.0 million, or \$0.61 per share, compared to a net loss of \$15.5 million, or \$0.62 per share, in the fourth quarter of 2006. Weighted average shares outstanding for the fourth quarter of 2007 and 2006 were 31.1 million and 25.1 million, respectively.

Rigel reported revenue from collaborations of \$8.0 million in the fourth quarter of 2007, compared to \$3.1 million reported in the fourth quarter of 2006. Revenue in the fourth quarter of 2007 included a \$3.0 million milestone payment from Merck Serono for licensing rights in Japan for Rigel's cancer drug candidate, R763, and a \$5.0 million milestone payment from Pfizer for the initiation of its Phase 1 clinical trial for R343, a syk kinase inhibitor for the treatment of allergic asthma.

Total operating expenses were \$28.3 million in the fourth quarter of 2007, compared to operating expenses of \$20.0 million during the same period in 2006. The increase was due to increases in research and development expenditures made in support of Rigel's ongoing clinical programs, including the Phase 2 clinical trial for R788 in rheumatoid arthritis, which was completed in the fourth quarter of 2007, and personnel costs associated with Rigel's 2007 cash incentive plan. Non-cash stock-based compensation represented \$2.6 million of total operating expenses in the fourth quarter of 2007, compared to \$2.4 million in the fourth quarter of 2006.

For the year ended December 31, 2007, Rigel had revenue of \$12.6 million and a net loss of \$74.3 million, or \$2.57 per share. This compares to revenues of \$33.5 million and a net loss of \$37.6 million, or \$1.51 per share for the same period in 2006. The decrease in revenue is due to various milestone and upfront payments from Merck, Merck Serono and Pfizer recognized in 2006.

As of December 31, 2007, Rigel had cash, cash equivalents and available for sale securities of \$108.3 million, compared with \$112.5 million at September 30, 2007 and \$104.5 million at December 31, 2006. During the first quarter of 2008, we completed a public offering in which we sold 5,000,000 shares of our common stock at a price of \$27.00 per share. We received net proceeds of approximately \$127.5 million after deducting underwriting discounts and commissions and offering expenses.

"The recent announcement of the results from our Phase 2 clinical trial in rheumatoid arthritis with our lead drug candidate, R788, has focused investors' interest in Rigel's R&D programs,"

said James M. Gower, Rigel's Chairman and Chief Executive Officer. "As a result of our recent financing, we are positioned to move R788 into advanced clinical studies while continuing development of new therapeutic opportunities in our pipeline."

About Rigel (www.rigel.com)

Rigel is a clinical-stage drug development company that discovers and develops novel, small-molecule drugs for the treatment of inflammatory/autoimmune diseases and cancer, as well as viral and metabolic diseases. Our goal is to file one new investigational new drug application in a significant indication each year. Rigel has achieved this goal every year since 2002. Our pioneering research focuses on intracellular signaling pathways and related targets that are critical to disease mechanisms. Rigel's productivity has resulted in seven strategic collaborations with large pharmaceutical partners to develop and market our product candidates. Rigel has product development programs in inflammatory/autoimmune diseases such as rheumatoid arthritis, thrombocytopenia and asthma, as well as in cancer.

This press release contains "forward-looking" statements, including statements related to the timing of results of Rigel's clinical development of product candidates. Any statements contained in this press release that are not statements of historical fact may be deemed to be forward-looking statements. Words such as "plans," "intends," "indicates," "promising," "expects," "anticipates" and similar expressions are intended to identify these forward-looking statements. There are a number of important factors that could cause Rigel's results to differ materially from those indicated by these forward-looking statements, including risks associated with the timing and success of clinical trials and the commercialization of product candidates, as well as other risks detailed from time to time in Rigel's reports filed with the Securities and Exchange Commission, including its Form 10-Q for the quarter ended September 30, 2007. Rigel does not undertake any obligation to update forward-looking statements.

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STATEMENTS OF OPERATIONS (in thousands, except per share amounts)

| | Th | Three Months Ended December 31, | | | Twelve Months Ended December 31, | | | | |
|---------------------------------------|----|---------------------------------|--------|--------|----------------------------------|--------|--------|--------|--|
| | | 2007 | | 2006 | | 2007 | | 2006 | |
| | | (unau | dited) | | _ | (unauc | lited) | | |
| Revenues: | | | | | | | | | |
| Contract revenues from collaborations | \$ | 8,000 | \$ | 3,128 | \$ | 12,600 | \$ | 33,473 | |
| | | | | | | | | | |
| Operating expenses: | | | | | | | | | |
| Research and development (see Note A) | | 21,960 | | 15,002 | | 70,364 | | 56,968 | |

| General and administrative (see Note A) | | 6,297 | | 5,020 | | 21,763 | | 19,552 |
|--|----|----------|----|----------|----|----------|----|----------|
| Total operating expenses | | 28,257 | | 20,022 | | 92,127 | | 76,520 |
| Loss from operations | | (20,257) | _ | (16,894) | | (79,527) | | (43,047) |
| Interest income, net | | 1,255 | | 1,438 | | 5,255 | | 5,410 |
| Net loss | \$ | (19,002) | \$ | (15,456) | \$ | (74,272) | \$ | (37,637) |
| Net loss per common share, basic and diluted | \$ | (0.61) | \$ | (0.62) | \$ | (2.57) | \$ | (1.51) |
| Weighted average shares used in computing net loss per common share, basic and diluted | | 31,084 | | 25,093 | | 28,936 | | 24,936 |
| | | | | | | | | |
| Note A | | | | | | | | |
| | | | | | | | | |
| Stock-based compensation expense included in: | | | | | | | | |
| Research and development | \$ | 1,307 | \$ | 1,317 | \$ | 5,519 | \$ | 6,515 |
| General and adminstrative | | 1,259 | | 1,125 | | 6,168 | | 6,064 |
| | \$ | 2,566 | \$ | 2,442 | \$ | 11,687 | \$ | 12,579 |
| SUMMARY BALANCE SHEET DATA (in thousands) | | | | | | | | |

| | | December 31, 2007 | | December 31, 2006(1) | | |
|--|-----|----------------------|----|-------------------------|--|--|
| | (un | audited) | | | | |
| Cash, cash equivalents and available for sale securities | \$ | 108,296 | \$ | 104,471 | | |
| Total assets | | 115,789 | | 113,240 | | |
| Stockholder's equity | | 82,182 | | 87,229 | | |

(1) Derived from audited financial statements