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): November 8, 2005

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)

Dere-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 November 8, 2005, Rigel Pharmaceuticals, Inc. announced certain financial results for its third quarter ended September 30, 2005. A copy of Rigel's press release, entitled "Rigel Announces Third Quarter 2005 Financial Results," is furnished pursuant to Item 2.02 as Exhibit 99.1 hereto.

ITEM 9.01. FINANCIAL STATEMENTS AND EXHIBITS.

(c) Exhibits.

Exhibit No.

Description

99.1 Press Release, dated November 8, 2005, entitled "Rigel Announces Third Quarter 2005 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.

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.

/s/ DOLLY VANCE

Dated: November 9, 2005

By:

Dolly Vance General Counsel and Vice President of Intellectual Property

Description

99.1 Press Release, dated November 8, 2005, entitled "Rigel Announces Third Quarter 2005 Financial Results."

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<u>Signatures</u> Exhibit Index

Rigel Announces Third Quarter 2005 Financial Results

SOUTH SAN FRANCISCO, Calif.—November 08, 2005. Rigel Pharmaceuticals, Inc. (Nasdaq: RIGL) today reported financial results for the third quarter and nine months ended September 30, 2005.

For the third quarter of 2005, Rigel reported a net loss of \$12.9 million, or \$0.56 per share, compared to a net loss of \$16.1 million, or \$0.88 per share, in the third quarter of 2004. Weighted average shares outstanding for the third quarters of 2005 and 2004 were 23.2 million and 18.4 million, respectively.

Rigel reported revenue from collaborations of \$3.3 million in the third quarter of 2005, compared to \$659,000 in the third quarter of 2004. The increase in revenue was primarily due to research support and amortization of upfront fees from collaborations with Merck and Pfizer.

Total operating expenses were \$17.1 million in the third quarter of 2005 and virtually unchanged compared to the third quarter of 2004. Third quarter operating expenses included increases in research and development spending for Rigel's clinical and preclinical development programs, specifically expenses related to ongoing clinical trials for R112 and R788. However, these increases were offset by a reduction in stock-based compensation expense.

For the nine months ended September 30, 2005, Rigel reported a net loss of \$36.4 million, or \$1.74 per share, compared to a net loss of \$41.5 million, or \$2.37 per share, for the same period last year. Rigel recorded revenue from collaborations of \$10.5 million for the nine months ended September 30, 2005, compared to \$3.6 million for the first nine months of 2004.

As of September 30, 2005, Rigel had cash, cash equivalents and available-for-sale securities of \$127.9 million, compared to \$60.1 million at June 30, 2005 and \$71.4 million at December 31, 2004. In July, Rigel completed a public offering in which it sold 4,197,500 shares of common stock, including 547,500 shares issued upon exercise of an option granted to the underwriters to cover over-allotments, at a public offering price of \$20.75 per share. The net proceeds of the offering, including the shares issued upon exercise of the over-allotment option, were approximately \$81.6 million after deducting underwriting discounts and commissions and offering expenses.

"We continue to make excellent progress advancing our clinical pipeline. Our lead product candidate, R112, began a comparative Phase II study for the treatment of allergic rhinitis, and we anticipate announcing top-line results by the end of the year," said James M. Gower, chairman and chief executive officer of Rigel. "In addition, our recently announced agreement with Serono for our Aurora kinase inhibitor program including our lead Aurora kinase candidate R763, exemplifies both Rigel's commitment to developing novel compounds for significant indications and our strategy in oncology of partnering product candidates early in the development process. With approximately \$128 million in cash balances as of the end of September, plus the initial Serono collaboration payments of \$25 million, we are well positioned financially to continue advancing our clinical programs."

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 diseases, cancer and viral diseases. Our goal is to move one new product candidate for a significant indication into the clinic each year. We have achieved this goal 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 strategic collaborations with large pharmaceutical partners to develop and market our product candidates. We have three product development programs in allergy/asthma, rheumatoid arthritis and cancer.

This press release contains "forward-looking" statements, including statements related to Rigel's plans to pursue clinical development of product candidates and the timing thereof, the potential efficacy of product candidates and the sufficiency of our financial resources. 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," "expects" 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 pre-clinical studies and clinical trials, as well as other risks detailed from time to time in Rigel's SEC reports, including its Quarterly Report on Form 10-Q for the quarter ended June 30, 2005. Rigel does not undertake any obligation to update forward-looking statements.

Contact: Jim Welch Phone: 650.624.1176 Email: invrel@rigel.com

STATEMENTS OF OPERATIONS

(in thousands, except per share amounts)

Three months ended September 30,			Nine months ended September 30,				
2005		2004		2005		2004	
(unaudited)				(unauc			
\$ 3,282	\$	659	\$	10,506	\$	3,633	
13,106		11,632		38,547		34,365	
3,169		3,056		9,657		8,835	
784		2,289		138		2,398	
17,059		16,977		48,342		45,598	
(13,777)		(16.318)		(37.836)		(41,965)	
871		182				436	
\$ (12,906)	\$	(16,136)	\$		\$	(41,529)	
\$ (0.56)	\$	(0.88)	\$	(1.74)	\$	(2.37)	
23,235		18,386		20,958		17,552	
\$ 570	\$	1,634	\$	109	\$	1,863	
214		655		29		535	
\$ 784	\$	2,289	\$	138	\$	2,398	
\$ \$ \$	2005 (unau \$ 3,282 \$ 3,282 \$ 3,282 \$ 3,282 \$ 13,106 3,169 784 17,059 (13,777) 871 \$ (12,906) \$ (0.56) 23,235 \$ 570 214	September 30, 2005 (unaudited) \$ 3,282 \$ 13,106 3,169 784 17,059 (13,777) 871 \$ (12,906) \$ \$ (0.56) \$ 23,235 \$ 570 \$ \$ 214	September 30, 2005 2004 (unaudited) (unaudited) \$ 3,282 \$ 659 11,632 \$ 3,169 3,056 784 2,289 17,059 16,977 (13,777) (16,318) 871 182 \$ (12,906) \$ (16,136) (16,136) \$ (0.56) \$ (0.88) 23,235 23,235 18,386 \$ 570 \$ 1,634 214	September 30, 2005 2004 (unaudited) (unaudited) \$ 3,282 \$ 659 \$ \$ 13,106 11,632 3,169 3,056 784 2,289 17,059 16,977 (13,777) (16,318) 871 182 \$ (12,906) \$ (16,136) \$ \$ (0.56) \$ (0.88) \$ 23,235 18,386 \$ 570 \$ 1,634 \$ \$ 214 655	September 30, Septem 2005 2004 2005 (unaudited) (unaudited) (unaudited) \$ 3,282 \$ 659 \$ 10,506 \$ 3,282 \$ 659 \$ 10,506 13,106 11,632 38,547 3,169 3,056 9,657 784 2,289 138 17,059 16,977 48,342 (13,777) (16,318) (37,836) 871 182 1,473 \$ (12,906) \$ (16,136) \$ (36,363) \$ (0.56) \$ (0.88) \$ (1.74) 23,235 18,386 20,958 \$ 570 \$ 1,634 \$ 109 214 655 29	September 30, September 30, 2005 2004 2005 (unaudited) (unaudited) \$ 3,282 \$ 659 \$ 10,506 \$ 13,106 11,632 38,547 38,547 3,169 3,056 9,657 784 2,289 138 17,059 16,977 48,342 (13,777) (16,318) (37,836) 871 182 1,473 \$ (12,906) \$ (16,136) \$ (36,363) \$ \$ (12,906) \$ (16,136) \$ (17,44) \$ 23,235 18,386 20,958 \$ 23,235 18,386 20,958 23,235 18,386 20,958	

SUMMARY BALANCE SHEET DATA

(in thousands)

	S	eptember 30, 2005	December 31, 2004(1)		
	(unaudited)				
Cash, cash equivalents and available for sale securities	\$	127,923	\$	71,427	
Total assets		136,019		78,822	
Stockholder's equity		103,880		52,301	

(1) Derived from audited financial statements

QuickLinks

Rigel Announces Third Quarter 2005 Financial Results