RIGEL PHARMACEUTICALS INC Form SC 13G/A March 12, 2014

### UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G (Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b), (c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(b)

(Amendment No. 5)1

Rigel Pharmaceuticals, Inc. (Name of Issuer)

Common Stock, par value \$0.001 per share (Title of Class of Securities)

766559603 (CUSIP Number)

March 10, 2014 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- o Rule 13d-1(b)
- x Rule 13d-1(c)
- o Rule 13d-1(d)

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

<sup>1</sup> The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

## CUSIP NO. 766559603

1	NAME OF REPORTING PERSON						
2	Biotechnology CHECK THE A GROUP SEC USE ONL	BOX IF A MEMBER OF A	(a) x (b) o				
4	CITIZENSHIP	OR PLACE OF	ORGANIZATION				
NUMBER OF	Delaware	5	SOLE VOTING POWER				
SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	6	0 shares SHARED VOTING POWER	ING POWER			
		7	164,131 SOLE DISPOSITIVE POWER				
		8	0 shares SHARED DISPOSITIVE POWE	R			
9	AGGREGATE	AMOUNT BEN	164,131 EFICIALLY OWNED BY EACH	REPORTING PERSON			
10	164,131 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES						
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)						
12	Less than 1% TYPE OF REPORTING PERSON						
	PN						
2							

## CUSIP NO. 766559603

1	NAME OF REPORTING PERSON							
2	Biotechnology Valu CHECK THE APP GROUP SEC USE ONLY	(a) x (b) o						
4	CITIZENSHIP OR	PLACE OF C	ORGANIZATION					
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	Delaware 5							
	6		0 shares SHARED VOTING POWER					
	7		96,529 SOLE DISPOSITIVE POWER					
	8		0 shares SHARED DISPOSITIVE POWE	R				
9	AGGREGATE AM		96,529 EFICIALLY OWNED BY EACH	REPORTING PERSON				
10	96,529 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES							
11	PERCENT OF CLA	ASS REPRES	ENTED BY AMOUNT IN ROW	(9)				
12	Less than 1% TYPE OF REPORTING PERSON							
	PN							

NAME OF REPORTING PERSON

### CUSIP NO. 766559603

1	NAME OF KE	FORTING FERS	ON					
2	BVF Investments, L.L.C. CHECK THE APPROPRIATE BOX IF A MEMBER OF A  (a) x							
3	GROUP SEC USE ONL	LY		(b) o				
4	CITIZENSHIP	OR PLACE OF	ORGANIZATION					
	Delaware	_						
NUMBER OF SHARES		5	SOLE VOTING POWER					
BENEFICIALLY	•		0 shares					
OWNED BY		6	SHARED VOTING POWER					
EACH								
REPORTING			2,270,541					
PERSON WITH		7	SOLE DISPOSITIVE POWER					
			0 shares					
		8	SHARED DISPOSITIVE POWE	R				
			2,270,541					
9	AGGREGATE	AMOUNT BEN	EFICIALLY OWNED BY EACH	REPORTING PERSON				
4.0	2,270,541							
10			GATE AMOUNT IN ROW (9)	•				
	EXCLUDES CERTAIN SHARES							
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)							
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)				
	2.6%							
12		ORTING PERSO	N					
12	TILOPKE	OKTINO I EKSC	<b>711</b>					
	OO							
1								

### CUSIP NO. 766559603

1	NAME OF REPORTING PERSON							
2	Investment 10, CHECK THE A GROUP SEC USE ONL	BOX IF A MEMBER OF A	(a) x (b) o					
4	CITIZENSHIP	OR PLACE OF (	ORGANIZATION					
	Illinois							
NUMBER OF		5	SOLE VOTING POWER					
SHARES BENEFICIALLY			0 shares					
OWNED BY		6	SHARED VOTING POWER					
EACH REPORTING			45,506					
PERSON WITH		7	SOLE DISPOSITIVE POWER					
			0 shares					
		8	SHARED DISPOSITIVE POWE	R				
			45,506					
9	AGGREGATE	AMOUNT BEN	EFICIALLY OWNED BY EACH	REPORTING PERSON				
	45,506							
10	CHECK BOX I		GATE AMOUNT IN ROW (9)					
	EXCLUDES C	ERTAIN SHARE	ES					
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)				
	Less than 1%							
12	TYPE OF REPORTING PERSON							
	00							
5								

NAME OF REPORTING PERSON

### CUSIP NO. 766559603

2 3	BVF Partners I CHECK THE A GROUP SEC USE ONL	BOX IF A MEMBER OF A	(a) x (b) o			
4	CITIZENSHIP	OR PLACE OF	ORGANIZATION			
NUMBER OF SHARES	Delaware	5	SOLE VOTING POWER			
BENEFICIALLY OWNED BY EACH	7	6	0 shares SHARED VOTING POWER  2,576,707 SOLE DISPOSITIVE POWER			
REPORTING PERSON WITH		7				
		8	0 shares SHARED DISPOSITIVE POWE	ER.		
9	AGGREGATE	AMOUNT BEN	2,576,707 EFICIALLY OWNED BY EACH	REPORTING PERSON		
10	2,576,707 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES					
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)		
12	2.9% TYPE OF REPORTING PERSON					
	PN, IA					
6						

NAME OF REPORTING PERSON

### CUSIP NO. 766559603

2 3	BVF Inc. CHECK THE A GROUP SEC USE ONL	(a) x (b) o					
4	CITIZENSHIP	OR PLACE OF	ORGANIZATION				
NUMBER OF SHARES	Delaware	5	SOLE VOTING POWER				
BENEFICIALLY OWNED BY EACH		6	0 shares SHARED VOTING POWER				
REPORTING PERSON WITH		7	2,576,707 SOLE DISPOSITIVE POWER				
		8	0 shares SHARED DISPOSITIVE POWE	ER			
9	AGGREGATE	AMOUNT BEN	2,576,707 EFICIALLY OWNED BY EACH	I REPORTING PERSON			
10	2,576,707 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES						
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)						
12	2.9% TYPE OF REPORTING PERSON						
	CO						
7							

NAME OF REPORTING PERSON

### CUSIP NO. 766559603

1	TVIME OF RE	ORTHVOTERS						
2	Mark N. Lampert CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) x (b) o							
3	SEC USE ONL	.Y		(0) 0				
4	CITIZENSHIP	OR PLACE OF	ORGANIZATION					
	United States							
NUMBER OF SHARES		5	SOLE VOTING POWER					
BENEFICIALLY			0 shares					
OWNED BY EACH		6	SHARED VOTING POWER					
REPORTING			2,576,707					
PERSON WITH		7	SOLE DISPOSITIVE POWER					
TERSON WITH		1	SOLL DISTOSTITVE TOWER					
			0 shares					
		8	SHARED DISPOSITIVE POWE	R				
		O	SIMIKED DISTOSITIVE TOWE	IX.				
			2,576,707					
9	AGGREGATE	AMOUNT REN	EFICIALLY OWNED BY EACH	REPORTING PERSON				
9	AGGREGATE	AMOUNT BEN	ENCIALLY OWNED BY EACH	KEI OKTINO I EKSON				
	2,576,707							
10		IE TUE ACCDE	GATE AMOUNT IN ROW (9)					
10								
	EXCLUDES CERTAIN SHARES							
11	DED CENT OF	CLACC DEDDE	CENTED DV AMOUNT IN DOW	(0)				
11	PERCENT OF	CLASS KEFKES	SENTED BY AMOUNT IN ROW	(9)				
	2.9%							
12		ORTING PERSO	) NI					
12	I I PE OF KEP	ORTING PERSC	JIN .					
	IN							
8								

CUSIP NO. 766559603

Item 1(a). Name of Issuer:

Rigel Pharmaceuticals, Inc., a Delaware corporation (the "Issuer").

Item 1(b). Address of Issuer's Principal Executive Offices:

1180 Veterans Boulevard

South San Francisco, California 94080

Item 2(a). Name of Person Filing

Item 2(b). Address of Principal Business Office or, if None, Residence

Item 2(c). Citizenship

Biotechnology Value Fund, L.P. ("BVF") 900 North Michigan Avenue, Suite 1100

Chicago, Illinois 60611 Citizenship: Delaware

Biotechnology Value Fund II, L.P. ("BVF2") 900 North Michigan Avenue, Suite 1100

Chicago, Illinois 60611 Citizenship: Delaware

BVF Investments, L.L.C. ("BVLLC") 900 North Michigan Avenue, Suite 1100 Chicago, Illinois 60611

Citizenship: Delaware

Investment 10, L.L.C. ("ILL10")

900 North Michigan Avenue, Suite 1100

Chicago, Illinois 60611 Citizenship: Illinois

BVF Partners L.P. ("Partners")

900 North Michigan Avenue, Suite 1100

Chicago, Illinois 60611

Citizenship: Delaware

BVF Inc.

900 North Michigan Avenue, Suite 1100

Chicago, Illinois 60611

Citizenship: Delaware

Mark N. Lampert ("Mr. Lampert")

900 North Michigan Avenue, Suite 1100

Chicago, Illinois 60611

Citizenship: United States

Each of the foregoing is referred to as a "Reporting Person" and collectively as the "Reporting Persons."

CUSIP NO	0. 7665596	003						
Item 2(d).		Title of Class of Securities:						
Common S	tock, par	value \$0.001 per s	share (the "Common Stock")					
Item 2(e).			CUSIP Number:					
766559603								
Item 3. If T	his Staten	nent is Filed Pursu	uant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a:					
		/x/	Not applicable.					
	(a)	//	Broker or dealer registered under Section 15 of the Exchange Act.					
	(b)	//	Bank as defined in Section 3(a)(6) of the Exchange Act.					
(	(c)	// Ins	urance company as defined in Section 3(a)(19) of the Exchange Act.					
(d)	//	Investmen	t company registered under Section 8 of the Investment Company Act.					
	(e)	//	An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E).					
(f)	//	An employee ben	efit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F).					
(g)	//	A parent holding	g company or control person in accordance with Rule 13d-1(b)(1)(ii)(G).					
(h)	//	A savings asso	ciation as defined in Section 3(b) of the Federal Deposit Insurance Act.					
	_	that is excluded fr npany Act.	om the definition of an investment company under Section 3(c)(14) of the					
	(j)	//	Group, in accordance with Rule 13d-1(b)(1)(ii)(J).					
	•		240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with se specify the type of institution:					
Item 4.			Ownership					
		(a)	Amount beneficially owned:					
BVF2 bene	eficially ov	wned 96,529 share	0, 2014, (i) BVF beneficially owned 164,131 shares of Common Stock, (ii) es of Common Stock, (iii) BVLLC beneficially owned 2,270,541 shares of cially owned 45,506 shares of Common Stock.					

#### CUSIP NO. 766559603

Partners, as the general partner of BVF and BVF2, the manager of BVLLC and the investment adviser of ILL10, may be deemed to beneficially own the 2,576,707 shares of Common Stock beneficially owned in the aggregate by BVF, BVF2, BVLLC and ILL10.

BVF Inc., as the general partner of Partners, may be deemed to beneficially own the 2,576,707 shares of Common Stock beneficially owned by Partners.

Mr. Lampert, as a director and officer of BVF Inc., may be deemed to beneficially own the 2,576,707 shares of Common Stock beneficially owned by BVF Inc.

The foregoing should not be construed in and of itself as an admission by any Reporting Person as to beneficial ownership of any shares of Common Stock owned by another Reporting Person. Each of Partners, BVF Inc. and Mr. Lampert disclaims beneficial ownership of the shares of Common Stock beneficially owned by BVF, BVF2, BVLLC and ILL10 and the filing of this statement shall not be construed as an admission that any such person or entity is the beneficial owner of any such securities.

(b) Percent of class:

The following percentages are based on 87,524,349 shares of Common Stock outstanding as of February 26, 2014, as disclosed in the Issuer's Annual Report on Form 10-K filed with the Securities and Exchange Commission (the "SEC") on March 4, 2014.

As of the close of business on March 10, 2014, (i) BVF beneficially owned less than 1% of the outstanding shares of Common Stock, (ii) BVF2 beneficially owned less than 1% of the outstanding shares of Common Stock, (iii) BVLLC beneficially owned approximately 2.6% of the outstanding shares of Common Stock, (iv) ILL10 beneficially owned less than 1% of the outstanding shares of Common Stock and (v) each of Partners, BVF Inc. and Mr. Lampert may be deemed to beneficially own approximately 2.9% of the outstanding shares of Common Stock.

(c)	Number of shares as to which such person has:
(i)	Sole power to vote or to direct the vote
See Cover Pages Items 5-9.	
(ii)	Shared power to vote or to direct the vote
See Cover Pages Items 5-9.	
(iii)	Sole power to dispose or to direct the disposition of
See Cover Pages Items 5-9.	
(iv)	Shared power to dispose or to direct the disposition of
See Cover Pages Items 5-9.	

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$\mathbb{C}$			ш	Р	1	1	,	/	n	n		7	٧,	'n	ı.	11	ì

Item 5. Ownership of Five Percent or Less of a Class.

As of March 10, 2014, the Reporting Persons ceased to be beneficial owners of more than 5% of the Common Stock.

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Not Applicable.

Item Identification and Classification of the Subsidiary That Acquired the Security Being Reported on by the ParentHolding Company or Control Person.

Not Applicable.

Item 8. Identification and Classification of Members of the Group.

See Exhibit 99.1 to the initial Schedule 13G filed with the SEC on June 6, 2011.

Item 9. Notice of Dissolution of Group.

Not Applicable.

Item 10. Certifications.

By signing below each of the undersigned certifies that, to the best of its knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

#### CUSIP NO. 766559603

#### **SIGNATURE**

By:

By:

By:

After reasonable inquiry and to the best of his knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: March 12, 2014

By:

BIOTECHNOLOGY VALUE FUND, L.P.

INVESTMENT 10, L.L.C.

BVF Partners L.P., its general By:

partner

BVF Partners L.P., its investment

manager

BVF Inc., its general partner By:

BVF Inc., its general partner By:

/s/ Mark N. Lampert

Mark N. Lampert

President

/s/ Mark N. Lampert By:

Mark N. Lampert

President

BIOTECHNOLOGY VALUE FUND II, L.P.

By: BVF Partners L.P., its general

partner

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

**BVF PARTNERS L.P.** 

/s/ Mark N. Lampert Mark N. Lampert

BVF Inc., its general partner

President

BVF INC.

BVF INVESTMENTS, L.L.C.

By: /s/ Mark N. Lampert

Mark N. Lampert

President

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

BVF Partners L.P., its manager

President

/s/ Mark N. Lampert MARK N. LAMPERT

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By: