RIGEL PHARMACEUTICALS INC Form SC 13G/A February 14, 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. 4)1

Rigel Pharmaceuticals, Inc. (Name of Issuer)

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

766559603 (CUSIP Number)

December 31, 2013 (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.

NAME OF REPORTING PERSON

## CUSIP NO. 766559603

2			(a) x (b) o
4	CITIZENSHIP OR PLACE OF ORGANIZATION		
·			
MIMBED OF	Delaware	COLE MOTING DOWER	
NUMBER OF SHARES	5	SOLE VOTING POWER	
BENEFICIALLY	-	0 shares	
OWNED BY	6	SHARED VOTING POWER	
EACH			
REPORTING	_	526,223	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
		0 shares	
	8	SHARED DISPOSITIVE POWE	R
0	A CODECATE A MOUNTEDEN	526,223	DEDODENIG DED GOV
9	AGGREGATE AMOUNT BEN	EFICIALLY OWNED BY EACH	REPORTING PERSON
	526,223		
10	CHECK BOX IF THE AGGREO	GATE AMOUNT IN ROW (9)	
	EXCLUDES CERTAIN SHARE		
11	PERCENT OF CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
	Less than 1%		
12	TYPE OF REPORTING PERSO	)N	
12	TITE OF REPORTED OF		
	PN		
2			
2			

NAME OF REPORTING PERSON

## CUSIP NO. 766559603

-	1,11,12 01 112.	0111111012110		
2	Biotechnology Value Fund II, L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A  (a) x			
3	GROUP (b) o SEC USE ONLY			
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	308,838 SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	308,838 EFICIALLY OWNED BY EACH	REPORTING PERSON
10		IF THE AGGREG ERTAIN SHARE	GATE AMOUNT IN ROW (9)	
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
12	Less than 1% TYPE OF REP	ORTING PERSO	DN	
	PN			
3				

NAME OF REPORTING PERSON

## CUSIP NO. 766559603

2 3 4	GROUP SEC USE ONLY	PPROPRIATE E	BOX IF A MEMBER OF A  ORGANIZATION	(a) x (b) o
NUMBER OF SHARES	Delaware 5	í	SOLE VOTING POWER	
BENEFICIALLY OWNED BY EACH	6		0 shares SHARED VOTING POWER	
REPORTING PERSON WITH	7		6,962,123 SOLE DISPOSITIVE POWER	
	8		0 shares SHARED DISPOSITIVE POWE	C.R
9	AGGREGATE A		6,962,123 EFICIALLY OWNED BY EACH	REPORTING PERSON
10	6,962,123 CHECK BOX IF EXCLUDES CE		GATE AMOUNT IN ROW (9)	
11	PERCENT OF C	LASS REPRES	ENTED BY AMOUNT IN ROW	(9)
12	8.0% TYPE OF REPO	RTING PERSO	N	
	OO			
4				

### CUSIP NO. 766559603

1	NAME OF REI	PORTING PERS	ON	
2	Investment 10, L.L.C. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (b) o SEC USE ONLY			
4	CITIZENSHIP OR PLACE OF ORGANIZATION			
4		OR PLACE OF (	ORGANIZATION	
NUMBER OF SHARES	Illinois	5	SOLE VOTING POWER	
BENEFICIALLY OWNED BY EACH	•	6	0 shares SHARED VOTING POWER	
REPORTING PERSON WITH		7	146,031 SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	146,031 EFICIALLY OWNED BY EACH	REPORTING PERSON
10		IF THE AGGREC ERTAIN SHARE	GATE AMOUNT IN ROW (9) · · · ES	
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
12	Less than 1% TYPE OF REP	ORTING PERSC	N	
	OO			
5				
5				

NAME OF REPORTING PERSON

### CUSIP NO. 766559603

2 3 4	GROUP SEC USE ONL	APPROPRIATE I .Y	BOX IF A MEMBER OF A ORGANIZATION	(a) x (b) o
NUMBER OF	Delaware	5	SOLE VOTING POWER	
SHARES BENEFICIALLY OWNED BY	7	6	0 shares SHARED VOTING POWER	
EACH REPORTING PERSON WITH		7	7,943,215 SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	ER
9	AGGREGATE	AMOUNT BEN	7,943,215 EFICIALLY OWNED BY EACH	I REPORTING PERSON
10		IF THE AGGREG ERTAIN SHARE	GATE AMOUNT IN ROW (9) ES	
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
12	9.1% TYPE OF REP	ORTING PERSO	ON	
	PN, IA			
6				

NAME OF REPORTING PERSON

### CUSIP NO. 766559603

2 3 4	GROUP SEC USE ONL	Υ	BOX IF A MEMBER OF A ORGANIZATION	(a) x (b) o
NUMBER OF SHARES	Delaware	5	SOLE VOTING POWER	
BENEFICIALLY OWNED BY EACH	•	6	0 shares SHARED VOTING POWER	
REPORTING PERSON WITH		7	7,943,215 SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	ER .
9	AGGREGATE	AMOUNT BEN	7,943,215 EFICIALLY OWNED BY EACH	REPORTING PERSON
10		IF THE AGGREG ERTAIN SHARI	GATE AMOUNT IN ROW (9) ES	
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
12	9.1% TYPE OF REP	ORTING PERSC	)N	
	СО			
7				

### CUSIP NO. 766559603

1	NAME OF REP	ORTING PERSO	ON	
2	Mark N. Lampert CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (b) o SEC USE ONLY			
3	SEC USE ONL	1		
4	CITIZENSHIP	OR PLACE OF (	ORGANIZATION	
	United States			
NUMBER OF SHARES		5	SOLE VOTING POWER	
BENEFICIALLY OWNED BY			0 shares SHARED VOTING POWER	
EACH				
REPORTING			7,943,215	
PERSON WITH		7	SOLE DISPOSITIVE POWER	
	;		0 shares SHARED DISPOSITIVE POWE	R
			7,943,215	
9	AGGREGATE A		EFICIALLY OWNED BY EACH	REPORTING PERSON
10		F THE AGGREC ERTAIN SHARE	GATE AMOUNT IN ROW (9)	
11	PERCENT OF O	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
12	9.1% TYPE OF REPO	ORTING PERSO	N	
	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. 766	6559603	
Item 2(d).		Title of Class of Securities:
Common Stock	, par value \$0.001 pe	r share (the "Common Stock")
Item 2(e).		CUSIP Number:
766559603		
Item 3. If This S	Statement is Filed Pur	rsuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a:
	/x/	Not applicable.
(a)	11	Broker or dealer registered under Section 15 of the Exchange Act.
(1	o) //	Bank as defined in Section 3(a)(6) of the Exchange Act.
(c)	// Ir	nsurance company as defined in Section 3(a)(19) of the Exchange Act.
(d)	// Investme	ent 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 be	enefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F).
(g) /	/ A parent holdi	ng company or control person in accordance with Rule 13d-1(b)(1)(ii)(G).
(h)	// A savings as	sociation as defined in Section 3(b) of the Federal Deposit Insurance Act.
* *	plan that is exclude at Company Act.	d from 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).
_		ale $240.13d-1(b)(1)(ii)(K)$ . If filing as a non-U.S. institution in accordance with ease specify the type of institution:
Item 4.		Ownership
	(a)	Amount beneficially owned:
BVF2 beneficia	ally owned 308,838 sl	nber 31, 2013, (i) BVF beneficially owned 526,223 shares of Common Stock, (ii) nares of Common Stock, (iii) BVLLC beneficially owned 6,962,123 shares of efficially owned 146,031 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 7,943,215 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 7,943,215 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 7,943,215 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 87,430,342 shares of Common Stock outstanding as of October 30, 2013, as disclosed in the Issuer's Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission (the "SEC") on November 5, 2013.

As of the close of business on December 31, 2013, (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 8.0% 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 9.1% 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.	

Ownership of Five Percent or Less of a Class.					
Ownership of More than Five Percent on Behalf of Another Person.					
Pursuant to the operating agreement of BVLLC, Partners is authorized, among other things, to invest the contributed capital of Samana Capital, L.P., the majority member of BVLLC, in the shares of Common Stock and other securities of the Issuer and to vote, exercise or convert and dispose of each security, and is entitled to receive fees based on assets under management and, subject to certain exceptions, allocations based on realized and unrealized gains on such assets.					
Lampert share voting and dispositive power over the shares of Common Stock F, BVF2, BVLLC and ILL10.					
lassification of the Subsidiary That Acquired the Security Being Reported on by the Parent r Control Person.					
Identification and Classification of Members of the Group.					
ial Schedule 13G filed with the SEC on June 6, 2011.					
Notice of Dissolution of Group.					
Certifications.					
he undersigned certifies that, to the best of its knowledge and belief, the securities referred and are not held for the purpose of or with the effect of changing or influencing the control es and were not acquired and are not held in connection with or as a participant in any pose or effect.					

#### CUSIP NO. 766559603

#### **SIGNATURE**

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: February 14, 2014

By:

BIOTECHNOLOGY VALUE FUND, L.P.

INVESTMENT 10, L.L.C.

**BVF PARTNERS L.P.** 

By: BVF Partners L.P., its general

b vi i artifers E.i., its general

By: BVF Partners L.P., its investment manager

partner

By: BVF Inc., its general partner

By: BVF Inc., its general partner

/s/ Mark N. Lampert Mark N. Lampert

Mark N. Lampert President

/s/ Mark N. Lampert Mark N. Lampert

President

BIOTECHNOLOGY VALUE FUND II, L.P.

By: BVF Partners L.P., its general

By:

By:

BVF Inc., its general partner

partner

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

By: /s/ Mark N. Lampert

Mark N. Lampert

President

BVF INC.

BVF INVESTMENTS, L.L.C.

By:

/s/ Mark N. Lampert Mark N. Lampert

By: BVF Partners L.P., its manager President

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

/s/ Mark N. Lampert MARK N. LAMPERT