

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of  
 the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person* BVF PARTNERS L P/IL (Last) (First) (Middle) C/O GROSVENOR CAPITAL MANAGEMENT, 900 N. MICHIGAN AVENUE, SUITE 1100 (Street) CHICAGO, IL 60611 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 05/01/2013	3. Issuer Name and Ticker or Trading Symbol RIGEL PHARMACEUTICALS INC [RIGL]		
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)		5. If Amendment, Date Original Filed(Month/Day/Year)
				6. Individual or Joint/Group Filing(Check Applicable Line) <input type="checkbox"/> Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock, \$0.001 par value (1)	1,430,816	I (2)	By Biotechnology Value Fund, L.P.
Common Stock, \$0.001 par value (1)	791,513	I (3)	By Biotechnology Value Fund II, L.P.
Common Stock, \$0.001 par value (1)	6,962,123	I (4)	By BVF Investments, L.L.C. (5)
Common Stock, \$0.001 par value (1)	513,545	I (6)	By Investment 10, L.L.C.

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

**Reporting Owners**

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BVF PARTNERS L P/IL C/O GROSVENOR CAPITAL MANAGEMENT 900 N. MICHIGAN AVENUE, SUITE 1100 CHICAGO, IL 60611		X		
BIOTECHNOLOGY VALUE FUND L P 900 N. MICHIGAN AVENUE, SUITE 1100 CHICAGO, IL 60611				See Explanation of Responses
BIOTECHNOLOGY VALUE FUND II LP C/O GROSVENOR CAPITAL MANAGEMENT 900 N. MICHIGAN AVENUE, SUITE 1100 CHICAGO, IL 60611				See Explanation of Responses
BVF INVESTMENTS LLC C/O GROSVENOR CAPITAL MANAGEMENT LP 900 N. MICHIGAN AVENUE, SUITE 1100 CHICAGO, IL 60611				See Explanation of Responses

INVESTMENT 10 LLC C/O GROSVENOR CAPITAL MANAGEMENT LP 900 N. MICHIGAN AVENUE, SUITE 1100 CHICAGO, IL 60611				See Explanation of Responses
BVF INC/IL C/O GROSVENOR CAPITAL MANAGEMENT 900 N. MICHIGAN AVENUE, SUITE 1100 CHICAGO, IL 60611		X		
LAMPERT MARK N ONE SANSOME STREET 31ST FLOOR SAN FRANCISCO, CA 94104		X		

## Signatures

BVF Partners L.P., By: BVF Inc., its general partner, By: /s/ Mark N. Lampert, President		05/15/2013
<b>**Signature of Reporting Person</b>		Date
Biotechnology Value Fund, L.P., By: BVF Partners L.P., its general partner, By: BVF Inc., its general partner, By: /s/ Mark N. Lampert, President		05/15/2013
<b>**Signature of Reporting Person</b>		Date
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, President		05/15/2013
<b>**Signature of Reporting Person</b>		Date
BVF Investments, L.L.C., By: BVF Partners L.P., its manager, By: BVF Inc., its general partner, By: /s/ Mark N. Lampert, President		05/15/2013
<b>**Signature of Reporting Person</b>		Date
Investment 10, L.L.C., By: BVF Partners L.P., its investment manager, By: BVF Inc., its general partner, By: /s/ Mark N. Lampert, President		05/15/2013
<b>**Signature of Reporting Person</b>		Date
BVF Inc., By: /s/ Mark N. Lampert, President		05/15/2013
<b>**Signature of Reporting Person</b>		Date
/s/ Mark N. Lampert		05/15/2013
<b>**Signature of Reporting Person</b>		Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 5(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) This Form 3 is filed jointly by Biotechnology Value Fund, L.P. ("BVF"), Biotechnology Value Fund II, L.P. ("BVF2"), BVF Investments, L.L.C. ("BVLLC"), Investment 10, L.L.C. ("ILL10"), BVF Partners L.P. ("Partners"), BVF Inc. and Mark N. Lampert. (collectively, the "Reporting Persons"). Each of the Reporting Persons is a member of a Section 13(d) group that collectively owns more than 10% of the Issuer's outstanding shares of Common Stock. Each of the Reporting Persons disclaims beneficial ownership of the shares of Common Stock reported herein except to the extent of his or its pecuniary interest therein.

(2) Shares of Common Stock owned directly by BVF. As the general partner of BVF, Partners may be deemed to beneficially own the shares of Common Stock owned directly by BVF. As the investment adviser and general partner of Partners, BVF Inc. may be deemed to beneficially own the shares of Common Stock owned directly by BVF. As a director and officer of BVF Inc., Mr. Lampert may be deemed to beneficially own the shares of Common Stock owned directly by BVF.

(3) Shares of Common Stock owned directly by BVF2. As the general partner of BVF2, Partners may be deemed to beneficially own the shares of Common Stock owned directly by BVF2. As the investment adviser and general partner of Partners, BVF Inc. may be deemed to beneficially own the shares of Common Stock owned directly by BVF2. As a director and officer of BVF Inc., Mr. Lampert may be deemed to beneficially own the shares of Common Stock owned directly by BVF2.

(4) Shares of Common Stock owned directly by BVLLC. As the manager of BVLLC, Partners may be deemed to beneficially own the shares of Common Stock owned directly by BVLLC. As the investment adviser and general partner of Partners, BVF Inc. may be deemed to beneficially own the shares of Common Stock owned directly by BVLLC. As a director and officer of BVF Inc., Mr. Lampert may be deemed to beneficially own the shares of Common Stock owned directly by BVLLC.

(5) 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 Common Stock and other securities of the Issuer and to vote, exercise or convert and dispose of such securities 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.

(6) Shares of Common Stock owned directly by ILL10. As the investment adviser of ILL10, Partners may be deemed to beneficially own the shares of Common Stock owned directly by ILL10. As the investment adviser and general partner of Partners, BVF Inc. may be deemed to beneficially own the shares of Common Stock owned directly by ILL10. As a director and officer of BVF Inc., Mr. Lampert may be deemed to beneficially own the shares of Common Stock owned directly by ILL10.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.

