## 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)

 $(Amendment No.)^1$ 

	Vical Incorporated
	(Name of Issuer)
	Common Stock, \$0.01 par value
,	(Title of Class of Securities)
	925602203
	(CUSIP Number)
	April 8, 2019
	(Date of Event Which Requires Filing of this Statement)
Check the app	propriate box to designate the rule pursuant to which this Schedule is filed:
	Rule 13d-1(b)
×	Rule 13d-1(c)
	Dula 124 1(4)
П	Rule 13d-1(d)
	e 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 mendment containing information which would alter disclosures provided in a prior cover page.

The information required on 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).

1	NAME OF REPORTING PERSON		
	Biotechnology Value Fund, L.P.		
2	CHECK THE APPRO	OPRIATE BOX IF A MEMBER OF A GROUP	(a) ⊠ (b) □
3	SEC USE ONLY		
4		LACE OF ORGANIZATION	
	Delaware	T	
NUMBER OF SHARES BENEFICIALLY	5	SOLE VOTING POWER  0 shares	
OWNED BY	6	SHARED VOTING POWER	
EACH		SIERCED VOINGTOWER	
REPORTING		798,415 (1)	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
		0 shares	
	8	SHARED DISPOSITIVE POWER	<u> </u>
		798,415 <sup>(1)</sup>	
9	AGGREGATE AMO	OUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	<u>.</u>
	798,415 <sup>(1)</sup>		
10	CHECK BOX IF TH	E AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
11	PERCENT OF CLAS	SS REPRESENTED BY AMOUNT IN ROW (9)	
	3.5% (1)		
12	TYPE OF REPORTI	NG PERSON	· ·
	PN		

<sup>(1)</sup> Excludes 3,135,724 shares of Common Stock underlying the Warrants (as defined herein) that are not exercisable due to the Beneficial Ownership Limitation (as defined herein), which provides that the Warrants may not be exercised if, after such exercise, the Reporting Persons would beneficially own more than 9.99% of the shares outstanding of Common Stock.

## CUSIP No. 925602203

'	NAME OF REPORTING PERSON		
	Biotechnology Value Fund II, L.P.		
2	CHECK THE APPROP	RIATE BOX IF A MEMBER OF A GROUP	(a) ⊠ (b) □
3	SEC USE ONLY		
4 (	CITIZENSHIP OR PLA	CE OF ORGANIZATION	
	Delaware		
NUMBER OF SHARES	5	SOLE VOTING POWER	
BENEFICIALLY		0 shares	
OWNED BY EACH	6	SHARED VOTING POWER	
REPORTING		1,333,769 (1)	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
		0 shares	
	8	SHARED DISPOSITIVE POWER	<del>-</del>
		1,333,769 (1)	
9	AGGREGATE AMOUN	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	1,333,769 (1)		
10		AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
11 I	PERCENT OF CLASS	REPRESENTED BY AMOUNT IN ROW (9)	
	5.8% <sup>(1)</sup>		
12	TYPE OF REPORTING	PERSON	
	PN		

(1) Excludes 1,757,943 shares of Common Stock underlying the Warrants that are not exercisable due to the Beneficial Ownership Limitation, which provides that the Warrants may not be exercised if, after such exercise, the Reporting Persons would beneficially own more than 9.99% of the shares outstanding of Common Stock.

	NAME OF BERGE	TRUC DED GOV	
1	NAME OF REPOR	TING PERSON	
	Riotachnolo	gy Value Trading Fund OS LP	
2		ROPRIATE BOX IF A MEMBER OF A GROUP	(a) 🗵
2	CHECK THE ALL	ROI RIATE BOAT! A MEMBER OF A GROOT	(a) ⊠ (b) □
			(8) =
3	SEC USE ONLY		
4	CITIZENSHIP OR	PLACE OF ORGANIZATION	
	Cayman Isla	nds	
NUMBER OF	5	SOLE VOTING POWER	
SHARES			
BENEFICIALLY		0 shares	
OWNED BY	6	SHARED VOTING POWER	
EACH		(1)	
REPORTING		106,239 (1)	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
		0 shares	
	8	SHARED DISPOSITIVE POWER	
		106,239 (1)	
9	AGGREGATE AM	OUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	(1)		
	106,239 (1)		
10	CHECK BOX IF T	HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
11	PERCENT OF CLA	ASS REPRESENTED BY AMOUNT IN ROW (9)	
	Less than 1%	$6^{(1)}$	
12	TYPE OF REPORT		
	PN		

<sup>(1)</sup> Excludes 615,779 shares of Common Stock underlying the Warrants that are not exercisable due to the Beneficial Ownership Limitation, which provides that the Warrants may not be exercised if, after such exercise, the Reporting Persons would beneficially own more than 9.99% of the shares outstanding of Common Stock.

	1		
1	NAME OF REPORTING PERSON		
	BVF Partners OS Ltd.  CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a) ⊠		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP		
			(b) □
3	SEC USE ONLY		
<u> </u>			
	CIMITATE INTERNATION OF T	V L GD OD OD G LANGUETON	
4	CITIZENSHIP OR P	PLACE OF ORGANIZATION	
	Cayman Islan	do	
NUMBER OF	5	SOLE VOTING POWER	
SHARES	3	SOLE VOTINGTOWER	
BENEFICIALLY		0 shares	
OWNED BY	6	SHARED VOTING POWER	
EACH			
REPORTING		106,239 (1)	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
Ĭ			
		0 shares	
	8	SHARED DISPOSITIVE POWER	
		106,239 (1)	
9	AGGREGATE AMO	DUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	·
	106,239 (1)		
10	CHECK BOX IF TH	E AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
11	PERCENT OF CLAS	SS REPRESENTED BY AMOUNT IN ROW (9)	
		(1)	
	Less than 1% <sup>(1)</sup>		
12	TYPE OF REPORTI	NG PERSON	
	СО		

<sup>(1)</sup> Excludes 615,779 shares of Common Stock underlying the Warrants that are not exercisable due to the Beneficial Ownership Limitation, which provides that the Warrants may not be exercised if, after such exercise, the Reporting Persons would beneficially own more than 9.99% of the shares outstanding of Common Stock.

1	NAME OF REPOR	RTING PERSON	
	BVF Partne	rs L.P.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a) ⊠  (b) □		
3	SEC USE ONLY		
4	CITIZENSHIP OR	PLACE OF ORGANIZATION	
	Delaware		
NUMBER OF SHARES BENEFICIALLY	5	SOLE VOTING POWER  0 shares	
OWNED BY EACH REPORTING	6	SHARED VOTING POWER  2,279,059 (1)	
PERSON WITH	7	SOLE DISPOSITIVE POWER  0 shares	
	8	SHARED DISPOSITIVE POWER  2,279,059 (1)	
9	AGGREGATE AM	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	2,279,059 (1		
10	CHECK BOX IF T	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
12	9.99% <sup>(1)</sup> TYPE OF REPOR	TING PERSON	
	PN, IA		

<sup>(1)</sup> Excludes 6,241,074 shares of Common Stock underlying the Warrants that are not exercisable due to the Beneficial Ownership Limitation, which provides that the Warrants may not be exercised if, after such exercise, the Reporting Persons would beneficially own more than 9.99% of the shares outstanding of Common Stock.

NAME OF REPORTI	NG PERSON	
BVF Inc.		
	PRIATE BOX IF A MEMBER OF A GROUP	(a) ⊠ (b) □
SEC USE ONLY		
CITIZENSHIP OR PI	LACE OF ORGANIZATION	
Delaware		
5	SOLE VOTING POWER	
6	SHARED VOTING POWER	
7		
/	0 shares	
8	SHARED DISPOSITIVE POWER	
AGGREGATE AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
2,279,059 (1)		
CHECK BOX IF THE	E AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
	S REPRESENTED BY AMOUNT IN ROW (9)	
TYPE OF REPORTIN	NG PERSON	
CO		
	BVF Inc. CHECK THE APPROACE SEC USE ONLY  CITIZENSHIP OR PI  Delaware  5  6  7  8  AGGREGATE AMO  2,279,059 (1) CHECK BOX IF THE  PERCENT OF CLAS  9,99% (1)  TYPE OF REPORTING	BVF Inc.  CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  SEC USE ONLY  CITIZENSHIP OR PLACE OF ORGANIZATION  Delaware  5 SOLE VOTING POWER  0 shares  6 SHARED VOTING POWER  2,279,059 (1)  7 SOLE DISPOSITIVE POWER  0 shares  8 SHARED DISPOSITIVE POWER  2,279,059 (1)  AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  2,279,059 (1)  CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  9,99% (1)  TYPE OF REPORTING PERSON

<sup>(1)</sup> Excludes 6,241,074 shares of Common Stock underlying the Warrants that are not exercisable due to the Beneficial Ownership Limitation, which provides that the Warrants may not be exercised if, after such exercise, the Reporting Persons would beneficially own more than 9.99% of the shares outstanding of Common Stock.

1	NAME OF REPOR	TING PERSON	-
	Mark N. Lan	npert	
2		ROPRIATE BOX IF A MEMBER OF A GROUP	(a) ⊠ (b) □
3	SEC USE ONLY		
4	CITIZENSHIP OR	PLACE OF ORGANIZATION	
	United States	S	
NUMBER OF SHARES	5	SOLE VOTING POWER	
BENEFICIALLY		0 shares	
OWNED BY EACH	6	SHARED VOTING POWER	
REPORTING		2.279,059 (1)	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
	·	0 shares	
	8	SHARED DISPOSITIVE POWER	
		2,279,059 (1)	
9	AGGREGATE AM	OUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	2,279,059 (1)		
10		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
11	PERCENT OF CLA	ASS REPRESENTED BY AMOUNT IN ROW (9)	
1.			
	9.99% (1)		
12	TYPE OF REPORT	TING PERSON	
	IN		
	IIN		

<sup>(1)</sup> Excludes 6,241,074 shares of Common Stock underlying the Warrants that are not exercisable due to the Beneficial Ownership Limitation, which provides that the Warrants may not be exercised if, after such exercise, the Reporting Persons would beneficially own more than 9.99% of the shares outstanding of Common Stock.

The Reporting Persons (as defined below) initially filed a Schedule 13G with respect to the securities of the Issuer (as defined below) on November 17, 2017. Subsequently, the Reporting Persons' investment intent changed with respect to the securities of the Issuer and the Reporting Persons filed a Schedule 13D on February 1, 2019, in accordance with Rule 13d-1(e) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). As of April 8, 2019, the Reporting Persons no longer hold securities of the Issuer with a purpose or effect of changing or influencing control of the Issuer, or in connection with or as a participant in any transaction having that purpose or effect. Accordingly, the Reporting Persons are transitioning back to a Schedule 13G pursuant to Rule 13d-1(h) of the Exchange Act.

Item 1(a). Name of Issuer:

Vical Incorporated, a Delaware corporation (the "Issuer").

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

10390 Pacific Center Court San Diego, California 92121

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") 44 Montgomery St., 40th Floor San Francisco, California 94104 Citizenship: Delaware

Biotechnology Value Fund II, L.P. ("BVF2") 44 Montgomery St., 40th Floor San Francisco, California 94104 Citizenship: Delaware

Biotechnology Value Trading Fund OS LP ("Trading Fund OS") PO Box 309 Ugland House Grand Cayman, KY1-1104 Cayman Islands

Citizenship: Cayman Islands

BVF Partners OS Ltd. ("Partners OS") PO Box 309 Ugland House Grand Cayman, KY1-1104 Cayman Islands Citizenship: Cayman Islands

BVF Partners L.P. ("Partners") 44 Montgomery St., 40th Floor San Francisco, California 94104 Citizenship: Delaware

BVF Inc. 44 Montgomery St., 40th Floor San Francisco, California 94104 Citizenship: Delaware Mark N. Lampert ("Mr. Lampert") 44 Montgomery St., 40th Floor San Francisco, California 94104 Citizenship: United States

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

Item 2(d). Title of Class of Securities:

Common Stock, \$0.01 par value (the "Common Stock")

Item 2(e). CUSIP Number:

925602203

Item 3. If This Statement is Filed Pursuant 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)	//	Insurance company as defined in Section 3(a)(19) of the Exchange Act.
(d)	//	Investment 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 benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F).
(g)	//	A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G).
(h)	//	A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act.
(i)	//	A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act.
(j)	//	Group, in accordance with Rule 13d-1(b)(1)(ii)(J).
(k)	//	Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii) (J), please specify the type of institution:

#### Item 4. Ownership

### (a) Amount beneficially owned:

As of the close of business on April 8, 2019, the Reporting Persons held 6,241,074 warrants, exercisable for an aggregate of 6,241,074 shares of Common Stock (the "Warrants"). Such Warrants have an initial exercise price of \$0.01 per share, subject to adjustment pursuant to the terms of the Warrants. The Warrants are only exercisable to the extent that the holder, together with its affiliates and any other person or entity acting as a group, would not beneficially own more than 9.99% of the outstanding Common Stock after giving effect to such exercise, as such percentage ownership is determined in accordance with the terms of the Warrants (the "Beneficial Ownership Limitation"). As of April 8, 2019, the Beneficial Ownership Limitation limits the aggregate exercise of the Warrants by the Reporting Persons to zero out of the 6,241,074 shares of Common Stock underlying the Warrants owned by the Reporting Persons in the aggregate. BVF holds Warrants to purchase 3,135,724 additional shares of Common Stock which are excluded herein as a result of the Beneficial Ownership Limitation. BVF2 holds Warrants to purchase 1,757,943 additional shares of Common Stock which are excluded herein as a result of the Beneficial Ownership Limitation. BVTOS holds Warrants to purchase 615,779 additional shares of Common Stock which are excluded herein as a result of the Beneficial Ownership Limitation. The Reporting Persons through certain Partners managed accounts (the "Partners Managed Accounts") holds Warrants to purchase 731,628 additional shares of Common Stock which are excluded herein as a result of the Beneficial Ownership Limitation.

As of the close of business on April 8, 2019 (i) BVF beneficially owned 798,415 shares of Common Stock, (ii) BVF2 beneficially owned 1,333,769 shares of Common Stock, and (iii) Trading Fund OS beneficially owned 106,239 shares of Common Stock.

Partners OS, as the general partner of Trading Fund OS, may be deemed to beneficially own the 106,239 shares of Common Stock beneficially owned by Trading Fund OS.

Partners, as the general partner of BVF, BVF2, the investment manager of Trading Fund OS, and the sole member of Partners OS, may be deemed to beneficially own the 2,279,059 shares of Common Stock beneficially owned in the aggregate by BVF, BVF2, Trading Fund OS, including 40,636 shares of Common Stock held in the Partners Managed Accounts.

BVF Inc., as the general partner of Partners, may be deemed to beneficially own the 2,279,059 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 2,279,059 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. Partners OS disclaims beneficial ownership of the shares of Common Stock beneficially owned by Trading Fund OS. Each of Partners, BVF Inc. and Mr. Lampert disclaims beneficial ownership of the shares of Common Stock beneficially owned by BVF, BVF2, Trading Fund OS, and the Partners Managed Accounts, 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 a denominator which is the sum of: (i) 21,820,195 shares of Common Stock outstanding as of January 31, 2019, which is the total number of shares of Common Stock outstanding as reported in the Issuer's Annual Report on Form 10-K filed with the Securities and Exchange Commission on March 1, 2019 and (ii) the 993,211 shares of Common Stock issued by the Issuer pursuant to the exercise of certain Warrants by the Reporting Persons on March 14, 2019.

As of the close of business on April 8, 2019 (i) BVF beneficially owned approximately 3.5% of the outstanding shares of Common Stock, (ii) BVF2 beneficially owned approximately 5.8% of the outstanding shares of Common Stock, (iii) Trading Fund OS beneficially owned less than 1% of the outstanding shares of Common Stock, (iv) Partners OS may be deemed to beneficially own 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 9.99% of the outstanding shares of Common Stock (less than 1% of the outstanding shares of Common Stock is held in the Partners Managed Accounts).

- (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.

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

Not Applicable.

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

Partners, BVF Inc. and Mr. Lampert share voting and dispositive power over the shares of Common Stock beneficially owned by BVF, BVF2, Trading Fund OS, and the Partners Managed Accounts.

Item 7. Identification and Classification of the Subsidiary That Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

Not Applicable.

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

See Exhibit 99.1.

### CUSIP No. 925602203

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.

### **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: April 8, 2019

BIOTECHNOLOGY VALUE FUND, 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

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.

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

BVF PARTNERS OS LTD.

By: BVF Partners L.P., its sole member

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

BIOTECHNOLOGY VALUE TRADING FUND OS LP

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

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

BVF INC.

By: /s/ Mark N. Lampert

Mark N. Lampert

President

/s/ Mark N. Lampert

MARK N. LAMPERT

### **Joint Filing Agreement**

The undersigned hereby agree that the Statement on Schedule 13G dated April 8, 2019 with respect to the common stock, par value \$0.01 per share of Vical Incorporated, and any further amendments thereto executed by each and any of the undersigned shall be filed on behalf of each of the undersigned pursuant to and in accordance with the provisions of Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, as amended.

Dated: April 8, 2019

### BIOTECHNOLOGY VALUE FUND, 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

### 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.

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert Mark N. Lampert President

### BVF PARTNERS OS LTD.

By: BVF Partners L.P., its sole member By: BVF Inc., its general partner

By: /s/ Mark N. Lampert Mark N. Lampert

President

# BIOTECHNOLOGY VALUE TRADING FUND OS LP

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

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert Mark N. Lampert President

#### BVF INC.

By: /s/ Mark N. Lampert

Mark N. Lampert President

/s/ Mark N. Lampert

MARK N. LAMPERT