REPLIGEN CORP Form SC 13G/A February 12, 2003

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SECURITIES AND EXCHANGE COMMISSION

Washington, DC 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 13d-2(b)

(Amendment No. 5)¹

Repligen Corporation
(Name of Issuer)
Common Stock
(Title of Class of Securities)
759916 10 9
(CUSIP Number)
February 14, 2003
(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)
- ý Rule 13d-1(c)
- o Rule 13d-1(d)

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 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*).

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 disclosures provided in a prior cover page.

CUSIP No. 759916 10 9	13G	Page 2 of 9 Pages
1 NAME OF REPOR Biotechnology Val- I.R.S. IDENTIFICA		
2 CHECK THE APPI	ROPRIATE BOX IF A MEMBER OF A GROUP*	(a) y (b) (
3 SEC USE ONLY		
4 CITIZENSHIP OR Delaware	PLACE OF ORGANIZATION	
NUMBER OF SHARES	5 SOLE VOTING POWER 0	
BENEFICIALLY OWNED BY	6 SHARED VOTING POWER 1,187,400	
EACH REPORTING PERSON	7 SOLE DISPOSITIVE POWER 0	
WITH:	8 SHARED DISPOSITIVE POWER 1,187,400	
9 AGGREGATE AI 1,187,400	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
10 CHECK BOX IF	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*	(
11 PERCENT OF CL	LASS REPRESENTED BY AMOUNT IN ROW (9)	
12 TYPE OF REPOR	RTING PERSON*	
	*SEE INSTRUCTIONS BEFORE FILLING OUT!	
CUSIP No.759916 10 9	13G	Page 3 of 9 Pages

CUSIP No. 759916 10 9			13G	Page 4 of 9 Pages
			*SEE INSTRUCTIONS BEFORE FILLING OUT!	
	PN			
12	TYPE OF REPORT	ΓING PEF	RSON*	
11	PERCENT OF CLA	ASS REPI	RESENTED BY AMOUNT IN ROW (9)	
10			REGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*	
9	AGGREGATE AM	IOUNT B	ENEFICIALLY OWNED BY EACH REPORTING PERSON	
	WITH:	8	SHARED DISPOSITIVE POWER 749,179	
F	EACH REPORTING PERSON	7	SOLE DISPOSITIVE POWER 0	
BE	NEFICIALLY OWNED BY	6	SHARED VOTING POWER 749,179	
N	IUMBER OF SHARES	7	SOLE VOTING POWER 0	
4	CITIZENSHIP OR F	PLACE O	F ORGANIZATION	
3	SEC USE ONLY			
2	CHECK THE APPR	OPRIATI	E BOX IF A MEMBER OF A GROUP*	(a) (b)
	Biotechnology Valu I.R.S. IDENTIFICA		S. OF ABOVE PERSONS (ENTITIES ONLY):	

BVF Investments, L.L.C.

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY):

2	CHECK THE APPR	ROPRIATE	E BOX IF A MEMBER OF A GROUP*	(a) ý (b) o
3	SEC USE ONLY			
4	CITIZENSHIP OR	PLACE OF	FORGANIZATION	
	Delaware			
	NUMBER OF SHARES	5	SOLE VOTING POWER 0	
В	ENEFICIALLY OWNED BY	6	SHARED VOTING POWER 1,688,221	
	EACH REPORTING PERSON	7	SOLE DISPOSITIVE POWER 0	
	WITH:		SHARED DISPOSITIVE POWER 1,688,221	
9	AGGREGATE AM	MOUNT B	ENEFICIALLY OWNED BY EACH REPORTING PERSON	
	1,688,221			
10	CHECK BOX IF	ГНЕ AGGI	REGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*	0
11	PERCENT OF CL	ASS REPI	RESENTED BY AMOUNT IN ROW (9)	
	6.2%			
12	TYPE OF REPOR	TING PER	RSON*	
	00			
			*SEE INSTRUCTIONS BEFORE FILLING OUT!	
CUS	SIP No. 759916 10 9		13G	Page 5 of 9 Pages
1	NAME OF REPOR BVF Partners L.P. I.R.S. IDENTIFICA		SON: S. OF ABOVE PERSONS (ENTITIES ONLY):	
2	CHECK THE APPR	ROPRIATE	E BOX IF A MEMBER OF A GROUP*	(a) ý

3 SEC USE ONLY			
4 CITIZENSHIP OR I	PLACE OI	FORGANIZATION	
NUMBER OF SHARES	5	SOLE VOTING POWER 0	
BENEFICIALLY OWNED BY	6	SHARED VOTING POWER 3,814,100	
EACH REPORTING PERSON	7	SOLE DISPOSITIVE POWER 0	
WITH:	8	SHARED DISPOSITIVE POWER 3,814,100	
11 PERCENT OF CL14.0%12 TYPE OF REPORT		RESENTED BY AMOUNT IN ROW (9)	
PN			
		*SEE INSTRUCTIONS BEFORE FILLING OUT!	
CUSIP No. 759916 10 9		13G	Page 6 of 9 Pages
1 NAME OF REPORT BVF Inc. S.S. OR I.R.S. IDEN		SON: ION NOS. OF ABOVE PERSONS (ENTITIES ONLY):	
2 CHECK THE APPR	OPRIATE	E BOX IF A MEMBER OF A GROUP*	(a) ý (b) c

3 SEC USE ONLY

4 CITIZENSHIP OR PI	LACE OF OR	GANIZATION	
Delaware			
NUMBER OF SHARES	5 S0	DLE VOTING POWER	
BENEFICIALLY OWNED BY		HARED VOTING POWER 814,100	
EACH REPORTING PERSON	7 SO 0	DLE DISPOSITIVE POWER	
WITH:		HARED DISPOSITIVE POWER 814,100	
9 AGGREGATE AMO 3,814,100	OUNT BENE	FICIALLY OWNED BY EACH REPORTING PERSON	
10 CHECK BOX IF TH	HE AGGREG	ATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*	o
11 PERCENT OF CLA	SS REPRESI	ENTED BY AMOUNT IN ROW (9)	
14.0%			
12 TYPE OF REPORT	ING PERSO	V *	
IA, CO			
		*SEE INSTRUCTIONS BEFORE FILLING OUT!	
CUSIP No. 759916 10 9		120	Page 7 of 9 Pages
CUSIP No. 759916 10 9 Page 7 of 9 Pag			1 age / 01 / 1 ages

ITEM 1(a). NAME OF ISSUER:

Repligen Corporation ("Repligen")

ITEM 1(b). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:

117 Fourth Avenue

Needham, Massachusetts 02494

ITEM 2(a). NAME OF PERSON FILING:

This Amendment to Schedule 13G is being filed on behalf of the following persons* (the "Reporting Persons"):

(i)

(::)	Biotechnology Value Fund, L.P. ("BVF")
(ii)	Biotechnology Value Fund II, L.P. ("BVF2")
(iii)	BVF Investments, L.L.C. ("Investments")
(iv)	

BVF Partners L.P. ("Partners")

(V)

BVF Inc. ("BVF Inc.")

Attached as Exhibit 1 is a copy of an agreement among the Reporting Persons filing (as specified hereinabove) that this Amendment to Schedule 13G is being filed on behalf of each of them.

a Delaware limited partnership

a Delaware limited partnership

a Delaware corporation

a Delaware limited liability company a Delaware limited partnership

ITEM 2(b). ADDRESS OF PRINCIPAL BUSINESS OFFICE:

The principal business office of the Reporting Persons comprising the group filing this Amendment to Schedule 13G is located at 227 West Monroe Street, Suite 4800, Chicago, Illinois, 60606.

ITEM 2(c). CITIZENSHIP:

BVF:
BVF2:
Investments:
Partners:
BVF Inc.:

ITEM 2(d). TITLE OF CLASS OF SECURITIES:

Common Stock.

ITEM 2(e). CUSIP Number:

759916 10 9

CUSIP No. 759916 10 9 Page 8 of 9 Pages

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: One of the following

Not applicable as this Amendment to Schedule 13G is filed pursuant to Rule 13d-1(c).

ITEM 4. OWNERSHIP:

The information in items 1 and 5 through 11 on the cover pages (pp. 2 - 6) on this Amendment to Schedule 13G is hereby incorporated by reference.

ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS:

If this statement is being filed to report the fact that as of the date hereof the Reporting Persons have ceased to be the beneficial owner of more than five percent of the class of securities check the following. o

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON:

BVF shares voting and dispositive power over the shares of the common stock it beneficially owns with Partners. BVF2 also shares voting and dispositive power over the shares of the common stock it beneficially owns with Partners. Investments also shares voting and dispositive power over the shares of the common stock it beneficially owns with Partners. Pursuant to the operating agreement of Investments, Partners is

authorized, among other things, to invest the funds of Ziff Asset Management, L.P., the majority member of Investments, in shares of the common stock Investments beneficially owns and to vote and exercise dispositive power over those shares of common stock. Partners and BVF Inc. share voting and dispositive power over the shares of the common stock they beneficially own with, in addition to BVF, BVF2 and Investments, a managed account on whose behalf Partners, as investment manager, purchased such shares. The managed account does not own more than 5% of the common stock of Repligen.

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY:

Not applicable.

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF A GROUP:

Not applicable.

ITEM 9. NOTICE OF DISSOLUTION OF GROUP:

Not applicable.

CUSIP No. 759916 10 9 Page 9 of 9 Pages

ITEM 10. CERTIFICATION

By signing below I certify that, to the best of my 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.

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 12, 2003

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 INVESTMENTS, L.L.C.

By: BVF Partners L.P., its manager

By: BVF Inc., its general partner

By: /s/ MARK N. LAMPERT

Mark N. Lampert President

BVF PARTNERS L.P.

By: BVF Partners L.P., its general partner

By: /s/ MARK N. LAMPERT

Mark N. Lampert President

BVF INC.

By: /s/ MARK N. LAMPERT

Mark N. Lampert President

QuickLinks

SCHEDULE 13G/A