REPLIGEN CORP Form SC 13G/A January 20, 2005

SECURITIES AND EXCHANGE COMMISSION Washington, D. C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 1)

REPLIGEN CORPORATION (Name of Issuer)

Common Stock, \$.01 par value per share
 (Title and Class of Securities)

759916109 (CUSIP Number)

December 31, 2004 (Date of Event which Requires Filing of this Statement)

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

- |_| Rule 13d-1(b)
- |X| Rule 13d-1(c)
- |_| Rule 13d-1(d)

*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.

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 (the "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).

CUSIP No. 759916109

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1. NAME OF REPORTING PERSONS

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

IB PARTNERS MANAGEMENT, INC., IRS number 74-3092655, as general partner on behalf of the following limited partnerships:

InvestBio Partners, L.P., IRS number 74-3092654, and InvestBio Short Term Opportunity Fund, L.P., IRS number 20-1477796.

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a) |_| (b) |_|

3. SEC USE ONLY

4.	CITIZENSHIP	OR P	LACE OF ORGANIZATION			
	Delaware					
		5.	SOLE VOTING POWER			
			1,727,978			
NUMBER OF SHARES		6.	SHARED VOTING POWER			
BI	BENEFICIALLY OWNED BY		0			
	EACH REPORTING PERSON WITH	7.	SOLE DISPOSITIVE POWER			
			1,727,978			
		8.	SHARED DISPOSITIVE POWER			
			0			
9.	AGGREGATE A	 MOUNT	BENEFICIALLY OWNED BY EACH REPORTING PERSO	 NC		
	1,727,978					
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*					
				1_1		
11.	PERCENT OF	 CLASS	REPRESENTED BY AMOUNT IN ROW (9)			
	5.7%					
12.	TYPE OF REPORTING PERSON*					
			gement, Inc CO rs, L.P. and InvestBio Short Term Opportuni	ity Fund- PN		
			2			
			2			
CUSI	IP No. 759916	109	F	Page 3 of 9 Pages		
1.	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)					
	Scott Landrem, social security number 43-7650715					
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*					
				(a) _ (b) _		
3.	SEC USE ONL					
 4.	CITIZENSHIP	 OR P	LACE OF ORGANIZATION			

Delaware					
	5.	SOLE VOTING POWER			
		8,200			
NUMBER OF SHARES	6.	SHARED VOTING POWER			
BENEFICIALLY OWNED BY		0			
	7.	SOLE DISPOSITIVE POWER			
PERSON WITH		8,200			
	8.	SHARED DISPOSITIVE POWER			
		0			
9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
8,200					
10. CHECK BOX IE	THE	AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*			
		I_I			
11. PERCENT OF C	LASS	REPRESENTED BY AMOUNT IN ROW (9)			
0%					
12. TYPE OF REPO	12. TYPE OF REPORTING PERSON*				
IN					
		3			
CUSIP No. 7599161	.09	Page 4 of 9 Pages			
Item 1(a). Name	of Is	ssuer:			
Repli	gen (Corporation			
Item 1(b). Addre	ss of	f Issuer's Principal Executive Offices:			
41 Se	yon S	Street, Bldg. 1, Suite 100, Waltham, MA 02453			
Item 2(a). Name of Person Filing:					
	(i)	IB Partners Management, Inc.			
	(ii)	InvestBio Partners, L.P.			
	(iii	i) InvestBio Short Term Opportunity Fund, L.P.			
	(iv)	Scott Landrem			
Item 2(b). Addre	ss of	f Principal Business Office or, if None, Residence:			

500 Fifth Avenue, 56th Fl., New York, NY 10110

Item 2(c). Citizenship:

Not Applicable.

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

Common Stock, \$.01 par value.

Item 2(e). CUSIP Number:

759916109

- 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:
 - (a) |_| Broker or Dealer registered under Section 15 of the Act.
 - (b) |_| Bank as defined in Section 3(a)(6) of the Act.
 - (c) |_| Insurance Company as defined in Section 3(a)(19) of the Act.
 - (d) $\mid _ \mid$ Investment Company registered under Section 8 of the Investment Company Act.
 - (e) |_| Investment Adviser registered in accordance with Rule 13d- 1(b)(1)(ii)(E).

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- (f) |_| Employee Benefit Plan or Endowment Fund in accordance with Rule 13d-1 (b) (1) (ii) (F).
- (g) $| \ |$ Parent Holding Company or control person in accordance with Rule 13d-1(b)(1)(ii)(G).
- (h) $\mid _ \mid$ 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 of 1940.
- (j) $|_|$ Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

If this Statement is filed pursuant to Rule 13d-1(c), check this box |X|.

Item 4. Ownership.

- (a) Amount beneficially owned: 1,736,178
- (b) Percent of Class: 5.8%
- (c) Number of Shares as to which the person has:
 - (i) Sole power to vote or to direct the vote:

1,736,178

- (ii) Shared power to vote or to direct the vote: $\ensuremath{\mathtt{0}}$
- (iii) Sole power to dispose or to direct the disposition of: 1,736,178
- (iv) Shared Power to dispose or to direct the disposition of: $\ensuremath{\text{0}}$
- 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 person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following. $|_|$.

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

Not Applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

Not Applicable.

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

See Exhibit A

Item 9. Notice of Dissolution of Group.

Not Applicable.

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.

SIGNATURE

Date: January 19, 2005 IB PARTNERS MANAGEMENT, INC.,

By: /s/ Scott L. Mathis

Name: Scott L. Mathis Title: President

INVESTBIO PARTNERS, L.P. and INVESTBIO SHORT TERM OPPORTUNITY FUND, L.P.

By: IB PARTNERS MANAGEMENT, INC., General Partner

By: /s/ Scott L. Mathis

Name: Scott L. Mathis Title: President

/s/ Scott Landrem

Scott Landrem

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EXHIBIT A

IDENTIFICATION AND CLASSIFICATION OF JOINT FILERS

Pursuant to Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, the reporting persons making this joint filing are identified and classified as follows:

> Name Classification _____

IB Partners Management, Inc.

Corporate general partner of InvestBio Partners, L.P. and InvestBio Short Term Opportunity

Fund, L.P.

InvestBio Partners, L.P.

Partnership

InvestBio Short Term Opportunity Fund, L.P. Partnership

Scott Landrem

Individual. Managing Director-Director of Sales of InvestPrivate Inc. (a company under common control with IB Partners Management, Inc.).

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EXHIBIT B

JOINT FILING AGREEMENT PURSUANT TO RULE 13d-1(k)(1)

This agreement is made pursuant to Rule 13d-1(k)(1) under the Securities and Exchange Act of 1934 (the "Act") by and among the parties listed below, each referred to herein as a "Joint Filer." The Joint Filers agree that a statement of beneficial ownership as required by Sections 13(g) or 13(d) of the Act and the Rules thereunder maybe filed on each of their behalf on Schedule 13G or 13D, as appropriate, and that said joint filing may thereafter be amended by further joint filings. The Joint Filers state that they each satisfy the requirements for making a joint filing under Rule 13d-1(k) (1).

IB PARTNERS MANAGEMENT, INC.,

By: /s/ Scott L. Mathis

Name: Scott L. Mathis Title: President

INVESTBIO PARTNERS, L.P. and INVESTBIO SHORT TERM OPPORTUNITY FUND, L.P.

By: IB PARTNERS MANAGEMENT, INC., General Partner

By: /s/ Scott L. Mathis

Name: Scott L. Mathis Title: President

/s/ Scott Landrem

Scott Landrem

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EXHIBIT C

DISCLAIMER OF BENEFICIAL OWNERSHIP

Repligen Corporation Common Stock 1,727,978 shares

IB Partners Management, Inc. disclaims beneficial ownership as to all shares beneficially owned for Section 13(g) filing purposes by InvestBio Partners, L.P. and InvestBio Short Term Opportunity Fund, L.P. and Scott Landrem. Scott Landrem disclaims beneficial ownership as to all shares beneficially owned for Section 13(g) filing purposes by InvestBio Partners, L.P. and InvestBio Short Term Opportunity Fund, L.P.