

**UNITED STATES
SECURITIES AND EXCHANGE
COMMISSION**
Washington, D.C. 20549

OMB APPROVAL
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SCHEDULE 13G

Under the Securities Exchange Act of 1934
(Amendment No. 4)*

AVI BioPharma, Inc.

(Name of Issuer)

Common Stock, \$.0001 par value

(Title of Class of Securities)

637184 10 8

(CUSIP Number)

01/01/07

(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)
- 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 ("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).

Potential persons who are to 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.

CUSIP No. 637184 10 8

1. Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only)
SuperGen, Inc.
91-1841574

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a)

(b)

3. SEC Use Only

4. Citizenship or Place of Organization
Delaware

Number of
Shares
Beneficially
Owned by
Each

5. Sole Voting Power
2,384,211

Reporting Person With	6.	Shared Voting Power 0
	7.	Sole Dispositive Power 2,384,211
	8.	Shared Dispositive Power 0
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 2,384,211	
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) <input type="radio"/>	
11.	Percent of Class Represented by Amount in Row (9) 4.5%	
12.	Type of Reporting Person (See Instructions) CO	

Item 1.

- (a) Name of Issuer
AVI BioPharma, Inc.
- (b) Address of Issuer's Principal Executive Offices
One S.W. Columbia Street, Suite 1105, Portland, Oregon 97258

Item 2.

- (a) Name of Person Filing
SuperGen, Inc.
- (b) Address of Principal Business Office or, if none, Residence
4140 Dublin Boulevard, Suite 200, Dublin, CA 94568
- (c) Citizenship
Delaware
- (d) Title of Class of Securities
Common Stock, \$.0001 par value
- (e) CUSIP Number
637184 10 8

Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:
Not applicable.

- (a) Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).
- (b) Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).
- (c) Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).
- (d) Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8).
- (e) An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
- (f) An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);
- (g) A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);

- (h) o A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) o 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 (15 U.S.C. 80a-3);
- (j) o Group, in accordance with §240.13d-1(b)(1)(ii)(J).

Item 4. Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

- (a) Amount beneficially owned:
2,384,211 shares

- (b) Percent of class:
4.5%, based on 52,971,402 outstanding shares of Common Stock of the Issuer as of November 3, 2006, as reported in the Issuer's last Quarterly Report on Form 10-Q filed on November 9, 2006.

- (c) Number of shares as to which the person has:
 - (i) Sole power to vote or to direct the vote
2,384,211 shares

 - (ii) Shared power to vote or to direct the vote
0

 - (iii) Sole power to dispose or to direct the disposition of
2,384,211 shares

 - (iv) Shared power to dispose or to direct the disposition of
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 or Control Person

Not applicable.

Item 8. Identification and Classification of Members of the Group

Not applicable.

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

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.

02/12/07

Date

/S/ MICHAEL MOLKENTIN

Signature

Michael Molkentin, Chief Financial Officer

Name/Title