

SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

SCHEDULE 13G

Under THE SECURITIES ACT OF 1933  
(AMENDMENT NO. 1)\*

AVI BIOPHARMA, INC.

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(NAME OF ISSUER)

COMMON STOCK

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(TITLE OF CLASS OF SECURITIES)

637184-10-8

-----  
(CUSIP NUMBER)

JULY 5, 2000

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(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).

1 NAME OF REPORTING PERSONS, S.S. or I.R.S. Identification Nos. Of  
Above Persons

SuperGen, Inc., 91-1841574

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

Not applicable

(a) [ ]  
(b) [ ]

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF SHARES 5 SOLE VOTING POWER  
BENEFICIALLY OWNED BY  
EACH REPORTING PERSON  
WITH 2,684,211

6 SHARED VOTING POWER

0

7 SOLE DISPOSITIVE POWER

2,684,211

8 SHARED DISPOSITIVE POWER

0

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,684,211

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

Not applicable

[ ]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) \*

14.6%

12 TYPE OF REPORTING PERSON

CO

\* All calculations are based on 16,711,757 shares of AVI Biopharma, Inc. Common Stock outstanding as of 5/31/2000, as reported on the Company's Registration Statement on Form S-1 filed 6/16/2000, as adjusted for the issuance of 1,684,211 shares of stock to SuperGen on July 5, 2000.

- ITEM 1.
- (a) NAME OF ISSUER:  
AVI Biopharma, Inc.
  - (b) ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:  
One SW Columbia Street, Suite 1105, Portland, Oregon  
97258
- ITEM 2.
- (a) NAME OF PERSON FILING:  
SuperGen, Inc.
  - (b) ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:  
Two Annabel Lane, Suite 220, San Ramon, California  
94583
  - (c) CITIZENSHIP:  
Delaware
  - (d) TITLE OF CLASS OF SECURITIES:  
Common Stock of \$0.0001 par value per share
  - (e) CUSIP NUMBER:  
637184-10-8
- ITEM 3.
- TYPE OF PERSON REPORTING UNDER RULES 13d-1(b) OR 13d-2(b):  
Not applicable
- ITEM 4.
- OWNERSHIP
- (a) Amount Beneficially Owned: 2,684,211
  - (b) Percent of Class: 14.6%
  - (c) Number of Shares as to Which Such Person Has:
    - (i) Sole power to vote or to direct the vote:  
2,684,211
    - (ii) Shared power to vote or to direct the vote:  
0
    - (iii) Sole power to dispose or direct the  
disposition of: 2,684,211
    - (iv) Shared power to dispose or direct the  
disposition of: 0
- Joseph Rubinfeld, the Chief Executive Officer and a director of SuperGen, Inc. also serves as a director of AVI Biopharma, Inc. and holds currently-exercisable options to acquire 25,000 shares of AVI Biopharma, Inc. Common Stock.
- 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  
Not applicable
- 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 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.

July 13, 2000

SUPERGEN, INC.

By: /s/ Ronald H. Spair

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Ronald H. Spair  
Chief Financial Officer