

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
OMB Number:	3235-0104
Estimated average burden hours per response:	0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>EASTBOURNE CAPITAL MANAGEMENT LLC/CA</u> (Last) (First) (Middle) <u>1101 FIFTH AVENUE SUITE 370</u> (Street) <u>SAN RAFAEL CA 94901</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>05/31/2009</u>	3. Issuer Name and Ticker or Trading Symbol <u>AVI BIOPHARMA INC [AVII]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
<u>Common Stock⁽¹⁾⁽²⁾</u>	<u>14,224,138</u>	<u>D</u>	

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				

Explanation of Responses:

- Eastbourne Capital Management, L.L.C. ("Eastbourne") is the general partner or manager and investment adviser of investment funds that hold these securities directly on behalf of those funds' investors. Richard Jon Barry is Eastbourne's manager and controlling person. Eastbourne and Mr. Barry hold these securities indirectly in their capacity as investment adviser and control person, respectively. Eastbourne is filing this Form 3 on behalf of itself and Mr. Barry, jointly, but not as members of a group, and each of them disclaims membership in a group, within the meaning of Rule 13d-5(b) under the Securities Exchange Act of 1934, as amended. In addition, each of them disclaims beneficial ownership of such securities, except to the extent of its pecuniary interest therein
- Eastbourne Capital Management, L.L.C. is the beneficial owner of more than 10 percent of the outstanding common stock of Avi BioPharma, Inc. Under a Letter Agreement Regarding Board of Director Representation dated as of January 30, 2009, between Eastbourne Capital Management, L.L.C. and Avi BioPharma, Inc., Avi BioPharma, Inc. agreed to take all necessary actions to have one designee of Eastbourne Capital Management, L.L.C. nominated to Avi BioPharma, Inc.'s Board of Directors. Pursuant to this agreement, Dr. Kathleen Behrens currently serves on the Board of Directors of Avi BioPharma, Inc.

Eric Sippel

06/02/2009

** Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 5 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.