#### ARENA PHARMACEUTICALS INC

securities beneficially owned directly or indirectly.

Form 5

March 16, 2007

**OMB APPROVAL** FORM 5 **OMB** UNITED STATES SECURITIES AND EXCHANGE COMMISSION 3235-0362 Number: Washington, D.C. 20549 Check this box if January 31, Expires: no longer subject 2005 to Section 16. Estimated average ANNUAL STATEMENT OF CHANGES IN BENEFICIAL Form 4 or Form burden hours per 5 obligations OWNERSHIP OF SECURITIES response... 1.0 may continue. See Instruction Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940 Form 4 Transactions Reported 1. Name and Address of Reporting Person \* 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer **BEHAN DOMINIC P** Symbol ARENA PHARMACEUTICALS (Check all applicable) INC [ARNA] (Middle) 3. Statement for Issuer's Fiscal Year Ended (Last) (First) \_X\_ Director 10% Owner \_X\_\_ Officer (give title Other (specify (Month/Day/Year) below) below) 12/31/2001 SVP & Chief Scientific Officer C/O ARENA PHARMACEUTICALS, INC., 6166 NANCY RIDGE DRIVE (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year) (check applicable line) SAN DIEGO, CAÂ 92121 \_X\_ Form Filed by One Reporting Person Form Filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 6. 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction (A) or Disposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Direct Beneficial (Month/Day/Year) Owned at end (D) or Ownership (Instr. 8) of Issuer's Indirect (I) (Instr. 4) Fiscal Year (Instr. 4) (A) (Instr. 3 and or (D) Price Amount Common 04/30/2001 Â  $S4^{(1)}$ 317,500 (2) Â 1,250 D 19.59 Stock **SEC 2270** Reminder: Report on a separate line for each class of 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 control number.

(9-02)

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# Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)		4. Transaction Code	5. Number of	6. Date Exerc Expiration Da (Month/Day/	ate	7. Title Amou Under	nt of	8. Price of Derivative Security
(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8)	Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	è	i car j	Securi	, ,	(Instr. 5)
					(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

of D

### **Reporting Owners**

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
BEHAN DOMINIC P C/O ARENA PHARMACEUTICALS, INC. 6166 NANCY RIDGE DRIVE SAN DIEGO. CA 92121	ÂΧ	Â	SVP & Chief Scientific Officer	Â			

## **Signatures**

Adam S. Chinnock, as Attorney-in-Fact 03/16/2007

\*\*Signature of Reporting Person Date

#### **Explanation of Responses:**

- \* If the form is filed by more than one reporting person, see Instruction 4(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).
- (1) The sale reported in this Form 5 was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person.
- (2) This number represents the number of shares held by the reporting person as of March 16, 2007, and reflects his stock transactions reported on a Form 4 filed on such date.

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

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