Shah Gautam Form 4 September 12, 2012

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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January 31, 2005

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subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

if no longer

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Last)

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person * Shah Gautam

(First)

(Street)

(State)

(Middle)

2. Issuer Name and Ticker or Trading

Issuer

5. Relationship of Reporting Person(s) to

Symbol **ACHILLION**

PHARMACEUTICALS INC

[ACHN]

(Check all applicable)

Director X_ Officer (give title

10% Owner _ Other (specify

3. Date of Earliest Transaction (Month/Day/Year)

09/12/2012

below)

EVP and Chief Compliance Ofc.

C/O ACHILLION PHARMACEUTICALS, 300

GEORGE STREET

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

NEW HAVEN, CT 06511

(City)	(State) (A	Table Table	I - Non-Do	erivative S	ecurit	ies Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) 2A. Deemed Execution Date, if any (Month/Day/Year)		3. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	09/12/2012		M	3,875	A	\$ 1.6	7,000	D	
Common Stock	09/12/2012		M	2,250	A	\$ 1.6	9,250	D	
Common Stock	09/12/2012		M	5,125	A	\$ 4	14,375	D	
Common Stock	09/12/2012		S	11,250	D	\$8	3,125	D	

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

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SEC 1474 (9-02)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactio Code (Instr. 8)	Securities		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		3
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Employee Stock Option (Right to Buy)	\$ 1.6	09/12/2012		M		3,875	<u>(1)</u>	09/12/2012	Common Stock	3,875	
Employee Stock Option (Right to Buy)	\$ 1.6	09/12/2012		M		2,250	(2)	09/12/2012	Common Stock	2,250	
Employee Stock Option (Right to Buy)	\$ 4	09/12/2012		M		5,125	(3)	09/12/2012	Common Stock	5,125	

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		

Shah Gautam C/O ACHILLION PHARMACEUTICALS 300 GEORGE STREET NEW HAVEN, CT 06511

EVP and Chief Compliance Ofc.

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Signatures

/s/ Gautam Shah

09/12/2012

**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) This option was granted on May 26, 2004 and vested over a four year period with 25% of the shares vesting on the first anniversary of the date of grant and an additional 6.25% vesting at the end of each three-month period thereafter.
- (2) This option was granted on December 16, 2004 and vested over a four year period with 25% of the shares vesting on the first anniversary of the date of grant and an additional 6.25% vesting at the end of each three-month period thereafter.
- (3) This option was granted on December 20, 2005 and vested over a four year period with 25% of the shares vesting on the first anniversary of the date of grant and an additional 6.25% vesting at the end of each three-month period thereafter.

Remarks:

The transactions reported on this Form 4 were executed pursuant to a Rule 10b5-1 trading plan adopted by Mr. Shah on June 1 Note: File three copies of this Form, one of which must be manually signed. If space 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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