

<b>OMB APPROVAL</b>	
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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>Hoey Timothy</u>  (Last) (First) (Middle) C/O ONCOMED PHARMACEUTICALS, INC. 800 CHESAPEAKE DRIVE  (Street) REDWOOD CA 94063  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>OncoMed Pharmaceuticals Inc [ OMED ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>SVP, Cancer Biology</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>08/05/2014</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	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			
Common Stock	08/05/2014		M <sup>(1)</sup>		2,500	A	\$1.43	51,843	D	
Common Stock	08/05/2014		S <sup>(1)</sup>		2,300	D	\$21.6076 <sup>(2)</sup>	49,543	D	
Common Stock	08/05/2014		S <sup>(1)</sup>		200	D	\$22.295 <sup>(3)</sup>	49,343	D	

**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. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Stock Option (Right to Buy)	\$1.43	08/05/2014		M <sup>(1)</sup>			2,500	(4)	01/10/2017	Common Stock	2,500	\$0.00	45,263	D	

**Explanation of Responses:**

- Transaction made pursuant to a 10b5-1 trading plan adopted by the Reporting Person on December 20, 2013.
- This transaction was executed in multiple trades in prices ranging from \$21.01 to \$21.97, inclusive. The price reported in Column 4 above reflects the weighted average sale price. The Reporting Person hereby undertakes to provide to the Securities and Exchange Commission staff, the Issuer, or a security holder of the Issuer, upon request, full information regarding the number of shares sold at each respective price within the range set forth in this footnote.
- This transaction was executed in multiple trades in prices ranging from \$22.20 to \$22.39, inclusive. The price reported in Column 4 above reflects the weighted average sale price. The Reporting Person hereby undertakes to provide to the Securities and Exchange Commission staff, the Issuer, or a security holder of the Issuer, upon request, full information regarding the number of shares sold at each respective price within the range set forth in this footnote.
- The option is fully vested and exercisable, subject to a limitation of 175,438 shares that can be issued to a single grantee in a 12-month period upon the exercise of awards under the Issuer's 2004 Stock Incentive Plan.

**Remarks:**

/s/ Alicia J. Hager, Attorney-in-Fact for Timothy Hoey      08/07/2014

\*\* 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 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).

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

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