

FORM 5

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL	
OMB Number:	3235-0362
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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).

Form 3 Holdings Reported.

Form 4 Transactions Reported.

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>BAUM MARK L</u> (Last) (First) (Middle) <u>C/O IMPRIMIS PHARMACEUTICALS, INC.</u> <u>437 S. HIGHWAY 101, SUITE 209</u> (Street) <u>SOLANA BEACH CA 92075</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Imprimis Pharmaceuticals, Inc. [IMMY]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Chief Executive Officer</u>
	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) <u>12/31/2012</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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Amount	(A) or (D)	Price			
Common Stock	02/28/2012		C4 ⁽¹⁾	1,454,962	A	\$0	0 ⁽²⁾	I	DermaStar International, LLC ⁽²⁾
Common Stock	04/30/2012		J4 ⁽⁶⁾	193,047	A	\$762,534	0 ⁽²⁾	I	DermaStar International, LLC ⁽²⁾
Common Stock							169,385	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)
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Convertible Debenture	\$0.6668	01/01/2012		4P	856,087		02/28/2012	04/05/2012	Common Stock	1,454,962	\$50,000	0	I	DermaStar International, LLC ⁽²⁾
Convertible Debenture	\$0.6668	02/28/2012		4C		856,087	02/28/2012	04/05/2012	Common Stock	1,454,962	\$0	0	I	DermaStar International, LLC ⁽²⁾
Option (Right to Buy)	\$2.4	02/28/2012 ⁽³⁾		4A	125,000		(3)	01/24/2022	Common Stock	125,000	\$0	125,000	D	
Option (Right to Buy)	\$4.5	04/01/2012		4A	60,000		(4)	03/31/2017	Common Stock	60,000	\$0	60,000	D	
Option (Right to Buy)	\$4.5	04/01/2012		4A	25,000		(5)	03/31/2017	Common Stock	25,000	\$0	25,000	D	
Warrants	\$5.925	04/30/2012		4P	48,262		04/30/2012	04/29/2015	Common Stock	48,262	\$0	0	I	DermaStar International, LLC ⁽²⁾
Warrants	\$5.925	07/12/2012		4J ⁽⁷⁾	2,413		04/30/2012	04/20/2015	Common Stock	2,413	\$0	2,413	D	

Explanation of Responses:

- Represents the shares of common stock acquired by DermaStar International, LLC ("DermaStar") upon automatic conversion of a convertible debenture issued by the Issuer on April 5, 2010 and acquired by DermaStar in a private transaction on January 1, 2012.
- Reporting person was a managing member of DermaStar at the time of the reported transaction and may be deemed to have voting and dispositive power over such shares. The reporting person disclaims beneficial ownership of such shares except to the extent of his pecuniary interest therein. As previously reported on a Form 4 filed on July 20, 2012, on July 12, 2012 DermaStar distributed to its members all securities of the Issuer held by it and was subsequently dissolved.
- The stock options were granted under the Issuer's 2007 Stock Incentive and Awards Plan (the "Plan") and vest over a 1 year period, with 1/12 of the total number of options vesting each monthly period following the grant date of the issuance of such options. The option was approved by the Issuer's Board of Directors on January 1, 2012, subject to shareholder approval of an amendment to the Plan, which was obtained on February 28, 2012.
- The stock options were granted under the Plan and vest over a 2 year period, with 15,000 options vesting immediately upon issuance, and an additional 1,875 options vesting monthly for the next twenty four months thereafter.
- The stock options were granted under the Plan and vest over a 1 year period, with the initial 6,250 options vesting on June 30, 2012, the next 6,250 options vesting on September 30, 2012, the next 6,250 options vesting on December 31, 2012 and the final 6,250 options vesting on March 31, 2013.
- Represents shares received upon the exchange of amounts owing under an outstanding Line of Credit into common stock of the Issuer.

7. Represents warrants distributed by DermaStar to its members on July 12, 2012.

/s/ Mark Baum

03/15/2013

** 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.

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.