

Mirati Therapeutics, Inc.  
Form 3  
January 15, 2016

**FORM 3** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL  
OMB Number: 3235-0104  
Expires: January 31, 2015  
Estimated average burden hours per response... 0.5

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

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

(Print or Type Responses)

1. Name and Address of Reporting Person *		2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol	
William N. Harwin 2012 Gift Trust F/B/O Peter Harwin		(Month/Day/Year) 01/14/2016	Mirati Therapeutics, Inc. [MRTX]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	
440 STEVENS AVE, SUITE 100			(Check all applicable)	
(Street)			<input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer <input type="checkbox"/> Other (give title below)    (specify below)	
SOLANA BEACH, CA 92075			5. If Amendment, Date Original Filed(Month/Day/Year)	
(City)	(State)	(Zip)	6. Individual or Joint/Group Filing(Check Applicable Line)	
			<input checked="" type="checkbox"/> Form filed by One Reporting Person	
			<input type="checkbox"/> 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)
Common Stock	891	D <sup>(1)</sup>	^
Common Stock	1,232,093	I	See Footnote <sup>(2)</sup>

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

**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.**

**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	5. Ownership Form of Derivative	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Derivative Security	Security: Direct (D) or Indirect (I) (Instr. 5)
Warrant (right to purchase)	Â (3)	11/21/2017	Common Stock	189,780	\$ 7.86	D (2) Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
William N. Harwin 2012 Gift Trust F/B/O Peter Harwin 440 STEVENS AVE, SUITE 100 SOLANA BEACH, CA 92075	Â	Â X	Â	Â

## Signatures

/s/ William N. Harwin, as Trustee 01/15/2016

Signature of Reporting Person Date

## Explanation of Responses:

- \* 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).
- (1) These securities are owned directly by the reporting person, who may be deemed to be a member of a "group" for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, consisting of (i) Boxer Capital, LLC ("Boxer Capital"), (ii) Boxer Asset Management Inc. ("Boxer Management"), (iii) MVA Investors, LLC, (iv) Braslyn Ltd., (v) Joe Lewis, (vi) the reporting person, (vii) Christopher Fuglesang, (viii) Rodney W. Lappe, (ix) Ivan M. Lieberburg, (x) Aaron I. Davis, (xi) Neil Reisman, (xii) Shehan B. Dissanayake, and (xiii) Peter E. Harwin. The reporting person is a member of Boxer Capital. On January 14, 2016, Boxer Capital transferred 791,139 shares of the common stock of the issuer, pro rata for no consideration as part of an internal reorganization.
- (2) These securities are owned directly by Boxer Capital, and indirectly by the reporting person, Boxer Management and Joe Lewis, by virtue of their ownership in Boxer Capital. The reporting person disclaims beneficial ownership of these securities to the extent it does not have a pecuniary interest therein. On January 14, 2016, Boxer Capital transferred 791,139 shares of the common stock of the issuer, pro rata for no consideration as part of an internal reorganization.
- (3) The warrants are not exercisable to the extent that, following exercise of such warrants, the warrant holder would beneficially own more than 19.99% of the issuer's common stock.

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.