

Kindred Biosciences, Inc.
 Form 3
 December 11, 2013

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	
Â MARIO ERNEST		(Month/Day/Year)	Kindred Biosciences, Inc. [KIN]	
(Last)	(First)	(Middle)	12/11/2013	
C/O KINDRED BIOSCIENCES, INC.,Â 1499 BAYSHORE HIGHWAY, SUITE 226			4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
(Street)	(Check all applicable)			
	<input checked="" type="checkbox"/> Director	<input type="checkbox"/> 10% Owner		
	<input type="checkbox"/> Officer	<input type="checkbox"/> Other	6. Individual or Joint/Group Filing(Check Applicable Line)	
	(give title below)	(specify below)	<input checked="" type="checkbox"/> Form filed by One Reporting Person	
BURLINGAME,Â CAÂ 94010	<input type="checkbox"/> Form filed by More than One Reporting Person			
(City)	(State)	(Zip)		

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

SEC 1473 (7-02)

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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 Derivative Security	5. Ownership Form of Derivative Security: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	

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				Shares		or Indirect (I) (Instr. 5)	
Stock Option (right to buy) ⁽¹⁾	Â ⁽²⁾	02/04/2023	Common Stock	40,000	\$ 0.32	D	Â
Stock Option (right to buy) ⁽¹⁾	Â ⁽³⁾	08/29/2023	Common Stock	20,000	\$ 1.37	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MARIO ERNEST C/O KINDRED BIOSCIENCES, INC. 1499 BAYSHORE HIGHWAY, SUITE 226 BURLINGAME, CA 94010	Â X	Â	Â	Â

Signatures

/s/ Ernest Mario 12/11/2013

^{**}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) Granted pursuant to the Issuer's 2012 Equity Incentive Plan

(2) 10,000 of the shares subject to the option vested on November 1, 2013, with the remaining shares vesting in equal monthly installments over the ensuing 36 months, subject to the Reporting Person's continuous service as a director.

(3) 5,000 of the shares subject to the option will vest on August 29, 2014, with the remaining shares vesting in equal monthly installments over the ensuing 36 months, subject to the Reporting Person's continuous service as a director.

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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