

FORM 4

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

OMB APPROVAL

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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 OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person * McIntosh David M			2. Issuer Name and Ticker or Trading Symbol REXAHN PHARMACEUTICALS, INC. [RXHN]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)		
(Last) (First) (Middle) C/O REXAHN PHARMACEUTICALS, INC., 9620 MEDICAL CENTER DRIVE			3. Date of Earliest Transaction (Month/Day/Year) 06/11/2007			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		
(Street) ROCKVILLE, MD 20850			4. If Amendment, Date Original Filed (Month/Day/Year)					
(City) (State) (Zip)			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				

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

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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 Underlying Securities (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 of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code V	(A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Shares				
Stock Option (Right to Buy)	\$ 0.8					(2) 04/20/2014	Common Stock 125,000		125,000	D	
Stock Option (Right to Buy)	\$ 3					09/12/2006 09/12/2015	Common Stock 20,000		20,000	D	
Stock Option (Right to Buy)	\$ 1.2					05/01/2007 05/01/2016	Common Stock 20,000		20,000	D	
Stock Option (Right to Buy)	\$ 1.4	06/11/2007		A	20,000	06/11/2008(1) 06/11/2017	Common Stock 20,000	\$ 0	20,000	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
McIntosh David M C/O REXAHN PHARMACEUTICALS, INC. 9620 MEDICAL CENTER DRIVE ROCKVILLE, MD 20850	X			

Signatures

/s/ Tae Heum Jeong, as attorney-in-fact for David M. McIntosh	06/13/2007
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) Options fully vest on the first anniversary of the date of grant.

(2) 30% of the options vested and became exercisable on April 20, 2005; another 30% of the options vested and became exercisable on April 20, 2006; and the remaining 40% of the options vested and became exercisable on April 20, 2007.

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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