

Mills Mike
Form 4
July 24, 2009

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN 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 *
Mills Mike

2. Issuer Name and Ticker or Trading Symbol
BIOCRYST PHARMACEUTICALS INC [BCRX]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
2190 PARKWAY LAKE DR
(Street)

3. Date of Earliest Transaction (Month/Day/Year)
07/23/2009

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
Principal Accounting Officer

BIRMINGHAM, AL 35244

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(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 Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common Stock	07/23/2009		M ⁽¹⁾	1,500 A \$ 3.26	1,500	D	
Common Stock	07/23/2009		S	1,500 D \$ 8.26	0	D	
Common Stock					0	D	

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

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number.

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 (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. Amount or Number of Shares
Emp. Stock Option (Right to Buy)	\$ 3.26	07/23/2009		M	1,500	03/14/2009 03/14/2018	Common Stock	1,500
Emp. Stock Option (Right to Buy)	\$ 5.71					01/05/2006 01/05/2015	Common Stock	12,969
Emp. Stock Option (Right to Buy)	\$ 4.34					06/15/2006 06/15/2015	Common Stock	4,000
Emp. Stock Option (Right to Buy)	\$ 12.26					05/17/2007 05/17/2016	Common Stock	7,832
Emp. Stock Option (Right to Buy)	\$ 7.98					05/16/2008 05/16/2017	Common Stock	8,361
Emp. Stock Option (Right to Buy)	\$ 1.2					03/02/2010 03/02/2019	Common Stock	6,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Mills Mike 2190 PARKWAY LAKE DR BIRMINGHAM, AL 35244			Principal Accounting Officer	

Signatures

/s/ Michael Richardson, by power of attorney

07/24/2009

__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) Stock option exercised and shares sold pursuant to a Rule 10b5-1 plan.

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.