FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

Name and Address of Reporting Person* Babu Yarlagadda S						2. Issuer Name and Ticker or Trading Symbol BIOCRYST PHARMACEUTICALS INC BCRX]									Check all a Dir		ng Pei	Person(s) to Issuer 10% Owner Other (specify	
(Last) (First) (Middle) 2190 PARKWAY LAKE DR					3. Date of Earliest Transaction (Month/Day/Year) 12/31/2009										A bel	VP Drug	g Disc	below) covery	
(Street) BIRMINGHAM AL 35244 (City) (State) (Zip)					4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person				
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																			
1. Title of Security (Instr. 3) 2. Trans Date (Month)						ar) E	Execution	A. Deemed xecution Date, any //onth/Day/Year)		Transaction Dis		ecurities Acquired (A) nosed Of (D) (Instr. 3, 4			nd Secu Bene	nount of rities ficially ed Following	Forr (D) (wnership m: Direct or Indirect nstr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
									Code	v	Amount	(1	A) or O)	Price	Tran	saction(s) r. 3 and 4)			(11341.4)
Common Stock 12/31/2					L/ 200 9	2009			F		6,137((1) D \$6		\$ 6 .	46	52,738		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. Deem Execution if any (Month/Da	Date,	Date, Transac Code (Ir				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)		,	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					Code	v	(A)	(D)	Date Exercisa		Expiration Date	Title	or Nun of Sha	nber res					

Explanation of Responses:

1. Withholding of stock to satisfy tax withholding obligation.

/s/ Michael Richardson, by power of attorney

01/04/2010

** 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.