ROSE ROGER W Form 4 March 02, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

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 may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person ** ROSE ROGER W			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
			RTI Biologics, Inc. [RTIX]	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction				
C/O RTI BIOLOGICS, INC., 11621 RESEARCH CIRCLE			(Month/Day/Year) 02/28/2011	Director 10% Owner _X_ Officer (give title Other (specify below) Executive Vice President/CCO			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
ALACHUA, FL 32615			Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting I Form filed by More than One I Person				
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Ac	canired. Disposed of, or Beneficially Owner			

` ,	1 abie	: 1 - Non-De	erivative S	ecuriu	ies Acq	luirea, Disposea (or Beneficial	iy Ownea
2. Transaction Date	2A. Deemed	3.	4. Securiti	ies Acq	quired	5. Amount of	6. Ownership	7. Nature of
(Month/Day/Year)	Execution Date, if	Transactio	n(A) or Dis	sposed	of	Securities	Form: Direct	Indirect
	any	Code	(D)			Beneficially	(D) or	Beneficial
	(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4	and 5)	Owned	Indirect (I)	Ownership
						Following	(Instr. 4)	(Instr. 4)
				(4)		Reported		
						Transaction(s)		
		Code V	Amount	(D)	Price	(Instr. 3 and 4)		
02/28/2011		A	20,000	A	\$0	55,000	D	
	(Month/Day/Year)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if any (Month/Day/Year)	2. Transaction Date 2A. Deemed 3. (Month/Day/Year) Execution Date, if any Code (Month/Day/Year) (Instr. 8) Code V	2. Transaction Date 2A. Deemed 3. 4. Securities (Month/Day/Year) Execution Date, if any Code (D) (Month/Day/Year) (Instr. 8) (Instr. 3, 4)	2. Transaction Date (Month/Day/Year) Execution Date, if any (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5 or Code V Amount (D)	2. Transaction Date (Month/Day/Year) Execution Date, if any (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (A) or Code V Amount (D) Price	2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of	(Month/Day/Year) Execution Date, if any Code (D) Energially (D) or (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Securities Beneficially (D) or Indirect (I) Following (Instr. 4) (A) Reported Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price (Instr. 3 and 4)

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)

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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. Transactic Code (Instr. 8)	5. Number of orDerivative 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)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Option to Purchase Common Stock \$.001 par value	\$ 2.69	02/28/2011		A	60,000	(2)	02/28/2021	Common Stock	60,000

Reporting Owners

Director 10% Owner Officer Other

ROSE ROGER W C/O RTI BIOLOGICS, INC. 11621 RESEARCH CIRCLE ALACHUA, FL 32615

Executive Vice President/CCO

Signatures

/s/ Roger W. 03/02/2011

**Signature of Date
Reporting Person

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) This Restricted Stock Award will become fully vested as to 6,666 on 2/28/2012, 6,667 on each of 2/28/2013 and 2/28/2014.
- (2) This option will become exercisable as to 12,000 shares on each of 2/28/2012, 2/28/2013, 2/28/2014, 2/28/2015 and 2/28/2016.

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.

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