NOVARTIS AG Form 4 January 27, 2011

FORM 4

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

OMB 3235-0287 Number:

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005

OMB APPROVAL

Form 4 or Form 5 obligations may continue. See Instruction

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

response... 0.5

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Novartis Bioventures Ltd			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
			Marina Biotech, Inc. [MRNA]	(Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction			
			(Month/Day/Year)	DirectorX 10% Owner		
131 FRONT STREET			01/25/2011	Officer (give title below) Other (specify below)		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line)		
				Form filed by One Reporting PersonX_ Form filed by More than One Reporting		
LIAMII TON DO UM 12				_A_ Form fried by Wore than One Reporting		

HAMILTON, D0 HM 12

(City)

1.Title of

,						Person		
(State)	(Zip) Tabl	e I - Non-I	Derivative S	Securiti	ies Acqı	aired, Disposed of	, or Beneficiall	y Owned
2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securition(A) or Dis (Instr. 3, 4)	sposed o	of (D)	5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
		Code V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)		

Security	(Month/Day/Year)	Execution Date, if	Transactio	on(A) or Dis	sposed	Securities	Ownership		
(Instr. 3)	(<u>.</u>)	any (Month/Day/Year)	Code (Instr. 8)	(Instr. 3, 4 and 5)			Beneficially Owned Following Reported	Form: Direc (D) or Indirect (I) (Instr. 4)	
			Code V	(A) or Amount (D) P		Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	01/25/2011		S	2,500 (1)	D	\$ 1.09	2,660,070	D	
Common Stock	01/25/2011		S	12,000 (1)	D	\$ 1.1	2,648,070	D	
Common Stock	01/25/2011		S	26,200 (1)	D	\$ 1.11	2,621,870	D	
Common Stock	01/25/2011		S	600 (1)	D	\$ 1.115	2,621,270	D	
Common Stock	01/25/2011		S	15,100 (1)	D	\$ 1.12	2,606,170	D	
	01/25/2011		S		D	\$ 1.13	2,601,070	D	

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Common Stock			5,100 (1)				
Common Stock	01/25/2011	S	9,005 (1)	D	\$ 1.14	2,592,065	D
Common Stock	01/25/2011	S	19,200 (1)	D	\$ 1.15	2,572,865	D
Common Stock	01/25/2011	S	1,530 (1)	D	\$ 1.16	2,571,335	D
Common Stock	01/25/2011	S	670 (1)	D	\$ 1.17	2,570,665	D
Common Stock	01/25/2011	S	400 (1)	D	\$ 1.18	2,570,265	D
Common Stock	01/25/2011	S	700 (1)	D	\$ 1.2	2,569,565	D
Common Stock	01/26/2011	S	1,000 (1)	D	\$ 1.08	2,568,565	D
Common Stock	01/26/2011	S	700 (1)	D	\$ 1.09	2,567,865	D
Common Stock	01/26/2011	S	400 (1)	D	\$ 1.1	2,567,465	D
Common Stock	01/26/2011	S	1,800 (1)	D	\$ 1.11	2,565,665	D
Common Stock	01/26/2011	S	1,200 (1)	D	\$ 1.12	2,564,465	D
Common Stock	01/26/2011	S	2,600 (1)	D	\$ 1.13	2,561,865	D
Common Stock	01/26/2011	S	1,300 (1)	D	\$ 1.14	2,560,565	D
Common Stock	01/26/2011	S	1,900 (1)	D	\$ 1.15	2,558,665	D
Common Stock	01/26/2011	S	10,700 (1)	D	\$ 1.16	2,547,965	D
Common Stock	01/26/2011	S	19,550 (1)	D	\$ 1.17	2,528,415	D
Common Stock	01/26/2011	S	16,784 (1)	D	\$ 1.18	2,511,631	D
Common Stock	01/26/2011	S	10,730 (1)	D	\$ 1.19	2,500,901	D
Common Stock	01/26/2011	S	2,056 (1)	D	\$ 1.2	2,498,845	D
	01/26/2011	S		D	\$ 1.21	2,495,065	D

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 Common
 3,780

 Stock
 (1)

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

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SEC 1474

(9-02)

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. Transacti Code (Instr. 8)	5. orNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	.	ate	7. Titl Amou Under Securi (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owno Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director 10% Owner		Officer Other				
Novartis Bioventures Ltd 131 FRONT STREET HAMILTON, D0 HM 12		X					
NOVARTIS AG LICHTSTRASSE 35 BASEL, V8 4002		X					

Signatures

/s/ Henri Simon Zivi, Deputy Chairman of Novartis Bioventures Ltd.					
**Signature of Reporting Person	Date				
/s/ Hanna Szepietowska, Authorized Signatory of Novartis Bioventures Ltd.	01/27/2011				
**Signature of Reporting Person	Date				

Reporting Owners 3

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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).
- These shares are directly owned by Novartis Bioventures Ltd. Novartis Bioventures Ltd. is a wholly-owned indirect subsidiary of Novartis AG, which is an indirect beneficial owner of the reported securities.

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.