SEC Form 4	
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FORM 4

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

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

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

OMB APP	ROVAL
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1. Nume and Address of Reporting reison			n*	2. Issuer Name and Ticker or Trading Symbol <u>Mirna Therapeutics, Inc.</u> [MIRN]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
					А	Director	10% Owner			
(Last) (Filst) (Middle)			· · · ·	3. Date of Earliest Transaction (Month/Day/Year) 03/11/2016		Officer (give title below)	Other (specify below)			
C/O MIRNA THERAPEUTICS, INC. 2150 WOODWARD ST., SUITE 100										
2150 WOODWARD ST., SUITE 100			.00	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line)	ividual or Joint/Group Filing (Check Applicabl				
(5	Street)				x	Form filed by One Report	ting Person			
	AUSTIN	N TX 78744				Form filed by More than (Person	One Reporting			
	(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)	Execution Date,		ction Instr.	4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported	(D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(1150.4)

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. Transa Code (8)		of		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)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: 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)	\$4.36	03/11/2016		A		8,000		(1)	03/11/2026	Common Stock	8,000	\$0.00	8,000	D		

Explanation of Responses:

1. The option vests with respect to 1/3 of the shares subject thereto on each yearly anniversary of the grant date, subject to the Reporting Person continuing to provide services to the Issuer through each such vesting date.

/s/ Alan Fuhrman, Attorney-in-03/14/2016 Fact for Peter Greenleaf

** 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.