

Lieu Hsiao
Form 4
January 21, 2010

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 *
Lieu Hsiao

(Last) (First) (Middle)

C/O NILE THERAPEUTICS,
INC., 115 SANSOME STREET,
SUITE #310

(Street)

SAN FRANCISCO, CA 94104

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
Nile Therapeutics, Inc. [NLTX]

3. Date of Earliest Transaction
(Month/Day/Year)
01/19/2010

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
VP, Clinical Research

6. Individual or Joint/Group Filing(Check Applicable Line)
 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. 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)
Common Stock				(A) or (D)	100	D	

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

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(9-02)

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. Transaction Code (Instr. 8)	5. Number of Derivative 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
Stock Option (Right to Buy)	\$ 4.45	01/19/2010		A	12,500	(1)	01/16/2019	Common Stock	21,623
Stock Option (Right to Buy)	\$ 4.45					(2)	03/10/2018	Common Stock	200,000
Stock Option (Right to Buy)	\$ 0.88					01/16/2009	01/16/2019	Common Stock	31,003
Stock Option (Right to Buy)	\$ 1.14					07/07/2009	07/07/2019	Common Stock	37,500

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Lieu Hsiao C/O NILE THERAPEUTICS, INC. 115 SANSOME STREET, SUITE #310 SAN FRANCISCO, CA 94104			VP, Clinical Research	

Signatures

/s/ Daron Evans as Attorney-in-Fact for Hsiao D. Lieu pursuant to Power of Attorney previously filed. 01/21/2010

__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) On March 10, 2008, the Reporting Person was granted an option to purchase up to 100,000 shares of common stock of the Issuer. Up to 25% of the shares subject to the option may vest annually (or a pro rata portion thereof for a period of less than a full year) based on the achievement of certain performance milestones for each year (or a pro rata portion thereof for a period of less than a full year) following

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the date of grant as determined by the Board of Directors of the Issuer (the "Performance Options"). On January 19, 2010, the Issuer's Board of Directors determined that the Performance Options for the period ending December 31, 2009, would vest in the amount of 12,500 shares.

(2) Exercisable as to 50,000 shares on 3/10/2009 and as to 4,167 shares each month thereafter for 36 months.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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