ODINK DEBRA Form 4 March 05, 2010

FORM 4

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

Washington, D.C. 20549
STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

if no longer subject to Section 16. Form 4 or Form 5 obligations

Check this box

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

See Inst

(Print or Type Responses)

C/O ANTHERA

1. Name and Address of Reporting Person 2. Issuer Name and Ticker or Trading
ODINK DEBRA
Symbol
Anthera Pharmaceuticals Inc

Anthera Pharmaceuticals Inc

[ANTH]

(Last) (First) (Middle) 3. Date of Earliest Transaction

(Month/Day/Year) 03/04/2010

PHARMACEUTICALS, INC., 25801 INDUSTRIAL BOULEVARD, SUITE B

(Street) 4. If Amendment, Date Original

OMB APPROVAL

OMB Number: 3235-0287

Expires: January 31, 2005

Estimated average burden hours per

5. Relationship of Reporting Person(s) to

(Check all applicable)

VP, Pharmaceutical R&D

6. Individual or Joint/Group Filing(Check

Issuer

below)

Director

X_ Officer (give title

response... 0.5

10% Owner Other (specify

Filed(Month/Day/Year) HAYWARD, CA 94545							Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State) (Z	Zip) Table	e I - Non-D	erivative S	ecurit	ties Acc	quired, Disposed	of, or Beneficial	lly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securition(A) or Dis (D) (Instr. 3, 4)	sposed	of	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 Indirect Beneficial Ownership (Instr. 4)	
Common Stock	03/04/2010		С	17,523	A	(1)	95,928	I	By The Debra A. Odink Living Trust	

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)

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 onDerivative 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
Series A-1 Convertible Preferred	(1)	03/04/2010		C	17,523	<u>(1)</u>	(2)	Common Stock	17,523

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

ODINK DEBRA C/O ANTHERA PHARMACEUTICALS, INC. 25801 INDUSTRIAL BOULEVARD, SUITE B HAYWARD, CA 94545

VP, Pharmaceutical R&D

Signatures

/s/ Mitzi Chang, by power of attorney for Debra Odink, Ph.D.

03/05/2010

**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) Each share of Series A-1 Convertible Preferred Stock was automatically converted into one share of Common Stock upon the closing of the Issuer's initial public offering.
- (2) The Series A-1 Convertible Preferred Stock has no expiration date.

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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