

FORM 3UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

OMB 3235-
Number: 0104
Expires: November 30,
2011
Estimated average
burden hours per
response... 0.5**INITIAL STATEMENT OF 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 * COTTER WILLIAM M	2. Date of Event Requiring Statement (Month/Day/Year) 07/08/2013	3. Issuer Name and Ticker or Trading Symbol Arch Therapeutics, Inc. [ARTH]
(Last) (First) (Middle) C/O ARCH THERAPEUTICS, INC., ONE BROADWAY, 14TH FLOOR		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) ____ Director _____ 10% Owner __X__ Officer (give _____ Other (specify title below) _____ below)
(Street) CAMBRIDGE, MA 02142		5. If Amendment, Date Original Filed(Month/Day/Year)
(City) (State) (Zip)	6. Individual or Joint/Group Filing(Check Applicable Line) __X__ Form filed by One Reporting Person ____ Form filed by More than One Reporting Person	

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Stock Option (Right to Buy)	(1)	06/18/2023	Common Stock	800,000	\$ 0.37	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
COTTER WILLIAM M C/O ARCH THERAPEUTICS, INC. ONE BROADWAY, 14TH FLOOR CAMBRIDGE, MA 02142			Chief Operating Officer	

Signatures

/s/ William M. Cotter

07/11/2013

Signature of Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 5(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) 25% of the shares subject to the option vest on July 1, 2013, 25% of the shares subject to the option vest 12 months after July 1, 2013, and 1/24th of the remaining unvested shares vest monthly thereafter, with all shares underlying the option subject to automatic acceleration of vesting upon a corporate transaction or change in control (as such terms are defined under the Issuer's 2013 Stock Incentive Plan). To the extent vested, the reporting person must exercise the stock option during the 2017 calendar year, unless the Issuer undergoes a corporate transaction or change in control or the reporting person separates from service from the Issuer in a calendar year earlier than 2017, in which case the option must be exercised during such earlier calendar year.

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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