

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

1. Name and Address of Reporting Person* <u>Pucci Paolo</u> _____ (Last) (First) (Middle) <u>C/O ARQULE, INC.</u> <u>1 WALL STREET, 6TH FLOOR</u> _____ (Street) <u>BURLINGTON MA 01803</u> _____ (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>ARQULE INC [ARQL]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Chief Executive Officer</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>06/08/2018</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	06/08/2018		M		101,264	A	\$3.95	521,758	D	
Common Stock	06/08/2018		M		398,736	A	\$3.95	920,494	D	
Common Stock	06/08/2018		F		352,286	D	\$5.78	568,208 ⁽¹⁾	D	

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. 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 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
Stock Options (Right to Buy)	\$3.95	06/08/2018		M			101,264	06/09/2011	06/09/2018	Common Stock	101,264	\$0	0	D	
Stock Option (Right to Buy)	\$3.95	06/08/2018		M			398,736	06/09/2011	06/09/2018	Common Stock	398,736	\$0	0	D	

Explanation of Responses:

1. The Reporting Person exercised options that were scheduled to expire on June 9, 2018. As part of the transaction, the Reporting Person paid \$250,000 of the aggregate exercise price in cash. The Reporting Person satisfied the balance of the exercise price and applicable tax withholding by electing to have the Company retain shares otherwise issuable upon exercise of the options. No shares were sold into the market as part of this transaction, and the reporting Person continues to hold the net shares realized from the option exercise.

Peter S. Lawrence By Power of 06/11/2018
Attorney for Paolo Pucci

** 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.