

OMB APPROVAL	
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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

1. Name and Address of Reporting Person* Nussbaum Ran (Last) (First) (Middle) C/O ARQULE, INC. ONE WALL STREET, 6TH FLOOR (Street) BURLINGTON MA 01803 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol ARQULE INC [ARQL]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 07/13/2018	
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	07/13/2018		P		48,485	A	\$5.5	1,810,485	I	By Pontifax Fund ⁽²⁾
Common Stock	07/13/2018		P		89,676	A	\$5.5	3,348,676	I	By Pontifax Fund ⁽³⁾
Common Stock	07/13/2018		P		43,657	A	\$5.5	1,630,657	I	By Pontifax Fund ⁽⁴⁾
Common Stock								8,611	I	By Pontifax Fund ⁽¹⁾

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		Date Exercisable	Expiration Date					

Explanation of Responses:

- Pontifax III Management of Fund (2011) Ltd. is the management company of Pontifax III. Mr. Nussbaum is one of the directors and shareholders of Pontifax III Management of Fund (2011) Ltd. and by virtue of this relationship, Mr. Nussbaum may be deemed to share voting and dispositive power with respect to the shares held by such entity. In that context, Mr. Nussbaum disclaims beneficial ownership of such shares, except to the extent of his pecuniary interest therein, and the inclusion of the shares in this report shall not be deemed to be an admission of beneficial ownership of the reported shares for purposes of Section 16 of the Securities Exchange Act of 1934, as amended, or otherwise.
- Represents shares of the Issuer held by Pontifax (China) IV, L.P. ("China IV"), Pontifax 4 GP L.P. ("Pontifax GP") is the general partner of China IV. Pontifax Management 4 GP (2015) Ltd. ("Management IV") is the general partner of Pontifax GP. Mr. Nussbaum is a Managing Partner of Management IV. By virtue of this relationship, Mr. Nussbaum may be deemed to share voting and dispositive power with respect to the shares held by China IV. Mr. Nussbaum disclaims beneficial ownership of such shares, except to the extent of his pecuniary interest therein, and the inclusion of the shares in this report shall not be deemed to be an admission of beneficial ownership of the reported shares for purposes of Section 16 of the Securities Exchange Act of 1934 or otherwise.
- Represents shares of the Issuer held by Pontifax (Israel) IV, L.P. ("Israel IV"), Pontifax 4 GP L.P. ("Pontifax GP") is the general partner of Israel IV. Pontifax Management 4 GP (2015) Ltd. ("Management IV") is the general partner of Pontifax GP. Mr. Nussbaum is a Managing Partner of Management IV. By virtue of this relationship, Mr. Nussbaum may be deemed to share voting and dispositive power with respect to the shares held by Israel IV. Mr. Nussbaum disclaims beneficial ownership of such shares, except to the extent of his pecuniary interest therein, and the inclusion of the shares in this report shall not be deemed to be an admission of beneficial ownership of the reported shares for purposes of Section 16 of the Securities Exchange Act of 1934 or otherwise.

4. Represents shares of the Issuer held by Pontifax (Cayman) IV, L.P. ("Cayman IV"). Pontifax 4 GP L.P. ("Pontifax GP") is the general partner of Cayman IV. Pontifax Management 4 GP (2015) Ltd. ("Management IV") is the general partner of Pontifax GP. Mr. Nussbaum is a Managing Partner of Management IV. By virtue of this relationship, Mr. Nussbaum may be deemed to share voting and dispositive power with respect to the shares held by Cayman IV. Mr. Nussbaum disclaims beneficial ownership of such shares, except to the extent of his pecuniary interest therein, and the inclusion of the shares in this report shall not be deemed to be an admission of beneficial ownership of the reported shares for purposes of Section 16 of the Securities Exchange Act of 1934 or otherwise.

Peter S. Lawrence By Power of
Attorney for Ran Nussbaum

10/22/2018

** 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.