AGILE THERAPEUTICS INC Form SC 13G February 12, 2019

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

		Agile Therapeutics, I	nc.
	(Name	of Issuer)	
	common	stock, \$0.0001 par val	ue
	(Title of Cla	ss of Securities)	
		00847L100	
	(CUSIP	Number) November 7, 2018	
	(Date of Event Which R	equires Filing of this	Statement)
Check the Schedule i	appropriate box to designate .s filed:	the rule pursuant to w	hich this
[X] F	Rule 13d-1(b)		
[_] F	Rule 13d-1(c)		
[_] F	Rule 13d-1(d)		
initial f and for a	nder of this cover page shal filing on this form with resp any subsequent amendment cont osures provided in a prior c	ect to the subject clas aining information whic	s of securities,
deemed to Act of 193	mation required in the remains be "filed" for the purpose o 34 ("Act") or otherwise subject but shall be subject to all otes).	f Section 18 of the Sec ct to the liabilities o	urities Exchange f that section
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CUSIP NO.	00847L100	13G	Page 2 of 8 Pages
	ES OF REPORTING PERSONS.	BOVE PERSONS (entities	only).
Rena	aissance Technologies LLC	26-0385758	
(2) CHECK	THE APPROPRIATE BOX IF A ME	MBER OF A GROUP (SEE IN	STRUCTIONS):

	(b) [_]			
(3)	SEC USE ONLY			
(4)	CITIZENSHIP OR PLACE OF C	RGANIZATION		
	Delaware 			
			(5)	SOLE VOTING POWER
NUMBER OF SHARES BENEFICIALLY OWNED				1,940,677
BY EACH REPO	BY EACH REPORTING PERSON WITH:	REPORTING	(6)	SHARED VOTING POWER
	IBROON WIII.		(0)	
				0
			(7)	SOLE DISPOSITIVE POWER
				1,940,677
			(8)	SHARED DISPOSITIVE POWER
				0
(9)	AGGREGATE AMOUNT BENEFIC	TALLY OWNED BY EAC	H REI	PORTING PERSON
()	9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,940,677			
(10)	CHECK BOX IF THE AGGREGA			VOLUMES CERTAIN SHARES
(10)	(SEE INSTRUCTIONS)	WOX NI INCOMA	9) E.	
				[_]
(11)	PERCENT OF CLASS REPRES	ENTED BY AMOUNT IN	ROW	(9)
		5.65 %		
(12)	TYPE OF REPORTING PERSON IA	(SEE INSTRUCTIONS)	
		Page 2 of 8 pag		
		Page 3 of 8 pag		
CUS	IP NO. 00847L100	13G		Page 3 of 8 Page
	NAMES OF REPORTING PERSO	NS.		
	RENAISSANCE TECHNOLOGIES	HOLDINGS CORPORAT	ION	13-3127734
(2)	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) [_] (b) [_]			
(3)	SEC USE ONLY			

(4) CITIZENSHIP OR PLACE OF ORGAN	12/1110/1
Delaware	
	(5) SOLE VOTING POWER
NUMBER OF SHARES BENEFICIALLY OWNED	1,940,677
BY EACH REPORTING PERSON WITH:	(6) SHARED VOTING POWER
	0
	(7) SOLE DISPOSITIVE POWER
	1,940,677
	(8) SHARED DISPOSITIVE POWER
	0
(9) AGGREGATE AMOUNT BENEFICIALL	
1,9 	40,677
(10) CHECK BOX IF THE AGGREGATE A (SEE INSTRUCTIONS)	MOUNT IN ROW (9) EXCLUDES CERTAIN SHARES
(11) PERCENT OF CLASS REPRESENTE	D BY AMOUNT IN ROW (9)
5.6	5 %
(12) TYPE OF REPORTING PERSON (SE	E INSTRUCTIONS)
P =========	age 3 of 8 pages
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Item 1.	
(a) Name of Issuer	
Agile Therapeutics, Inc.	
(b) Address of Issuer's Princ	ipal Executive Offices.
101 Poor Farm Road, Prin	ceton, New Jersey 08540
Item 2.	
(a) Name of Person Filing:	
	ng filed by Renaissance Technologies LLC Technologies Holdings Corporation ("RTHC").

(b) Address of Principal Business Office or, if none, Residence.

The principal business address of the reporting persons is:

800 Third Avenue New York, New York 10022

(c) Citizenship.

RTC is a Delaware limited liability company, and RTHC is a Delaware corporation.

(d) Title of Class of Securities.

common stock, \$0.0001 par value

(e) CUSIP Number.

00847L100

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- Item 3. If this statement is filed pursuant to Rule 13d-1(b) or 13-d-2(b)
 or (c), check whether the person filing is a:
- (a) [_] Broker or dealer registered under section 15 of the Act.
- (b) [_] Bank as defined in section 3(a)(6) of the Act.
- (c) [_] Insurance Company as defined in section 3(a)(19) of the Act.
- (d) [_] Investment Company registered under section 8 of the Investment Company Act.
- (e) [x] Investment Adviser in accordance with Sec.240.13d-1(b) (1) (ii) (E).
- (f) [_] Employee Benefit Plan or Endowment Fund in accordance with Sec. 240.13d-1 (b) (1) (ii) (F).
- (g) [_] Parent holding company, in accordance with Sec.240.13d-1(b)(1)(ii)(G).
- (h) $[_]$ A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act.
- (i) [_] A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940.
- (j) [_] Group, in accordance with Sec.240.13d-1(b)(1)(ii)(J).

Item 4. Ownership.

(a) Amount beneficially owned.

RTC: 1,940,677 shares

RTHC: 1,940,677 shares, comprising the shares beneficially owned by RTHC, because of RTHC's majority ownership of RTC.

(b) Percent of Class.

RTC: 5.65 % RTHC: 5.65 %

- (c) Number of shares as to which the person has:
 - (i) sole power to vote or to direct the vote:

RTC: 1,940,677 RTHC: 1,940,677

(ii) Shared power to vote or to direct the vote: 0

(iii) sole power to dispose or to direct the disposition of:

RTC: 1,940,677 RTHC: 1,940,677

(iv) Shared power to dispose or to direct the disposition of:

RTC: 0 RTHC: 0

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Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: [_]

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Certain funds and accounts managed by RTC have the right to receive dividends and proceeds from the sale of the securities which are the subject of this report.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

Not applicable

Item 8. Identification and Classification of Members of the Group.

Not applicable

Item 9. Notice of Dissolution of a Group.

Not applicable

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Item 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 12, 2019

Renaissance Technologies LLC

By: /s/ Mark Silber

Executive Vice President

Renaissance Technologies Holdings Corporation

By: /s/ Mark Silber
Vice President

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See $18\ U.S.C.\ 1001$).

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EXHIBIT 99.1

AGREEMENT REGARDING JOINT FILING

UNDER RULE 13D-1(K) OF THE EXCHANGE ACT

In accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, each of the undersigned agrees to the filing on behalf of each of a Statement on Schedule 13G, and all amendments thereto, with respect to the shares of common stock, \$0.0001 par value of Agile Therapeutics, Inc.

Date: February 12, 2019

Renaissance Technologies LLC

By: /s/ Mark Silber
Executive Vice President

Renaissance Technologies Holdings Corporation

By: /s/ Mark Silber Vice President

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