UNITED THERAPEUTICS Corp Form SC 13G February 13, 2019

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

		United Therapeutics Cor	poration
	(Name	of Issuer)	
	common	stock, par value \$.01 pe	r share
	(Title of Clas	ss of Securities)	
		91307C102	
	(CUSIP	Number) December 24, 2018	
	(Date of Event Which Re	equires Filing of this St	atement)
Check the app Schedule is f	ropriate box to designate iled:	the rule pursuant to whi	ch this
[X] Rule	13d-1(b)		
[_] Rule	13d-1(c)		
[_] Rule	13d-1 (d)		
initial fili and for any	r of this cover page shall ng on this form with responsible subsequent amendment conta res provided in a prior co	ect to the subject class aining information which	of securities,
deemed to be Act of 1934 (on required in the remaind "filed" for the purpose of "Act") or otherwise subject to all).	f Section 18 of the Secur ct to the liabilities of	ities Exchange that section
CUSIP NO. 91	307C102	13G	Page 2 of 8 Pages
	F REPORTING PERSONS. IDENTIFICATION NOS. OF A	BOVE PERSONS (entities on	ly).
Renaiss	ance Technologies LLC	26-0385758	
(2) CHECK TH	E APPROPRIATE BOX IF A MEI	MBER OF A GROUP (SEE INST	RUCTIONS):

	(b) [_]	
(3)	SEC USE ONLY	
(4)	CITIZENSHIP OR PLACE OF ORGAN	ZATION
	Delaware	
		(5) SOLE VOTING POWER
	NUMBER OF SHARES BENEFICIALLY OWNED	2,010,433
	BY EACH REPORTING PERSON WITH:	(6) SHARED VOTING POWER
		0
		(7) SOLE DISPOSITIVE POWER
		2,056,438
		(8) SHARED DISPOSITIVE POWER
		140,340
(9)	AGGREGATE AMOUNT BENEFICIALL	OWNED BY EACH REPORTING PERSON
	2,1	96,778
(10)		MOUNT IN ROW (9) EXCLUDES CERTAIN SHARES
	(SEE INSTRUCTIONS)	[_]
(11)	PERCENT OF CLASS REPRESENTE	BY AMOUNT IN ROW (9)
	5.0	1 %
(12)	TYPE OF REPORTING PERSON (SE	INSTRUCTIONS)
	P	age 2 of 8 pages
====	P	age 3 of 8 pages
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(1)	NAMES OF REPORTING PERSONS.	OF ABOVE PERSONS (ENTITIES ONLY).
	RENAISSANCE TECHNOLOGIES HOL	DINGS CORPORATION 13-3127734
(2)	(a) [_] (b) [_]	A MEMBER OF A GROUP (SEE INSTRUCTIONS)
(3)	SEC USE ONLY	

Delaware	
	(5) SOLE VOTING POWER
NUMBER OF SHARES BENEFICIALLY OWNED	2,010,433
BY EACH REPORTING PERSON WITH:	(6) SHARED VOTING POWER
	0
	(7) SOLE DISPOSITIVE POWER
	2,056,438
	(8) SHARED DISPOSITIVE POWER
	140,340
(9) AGGREGATE AMOUNT BENEFICIALLY OW	WNED BY EACH REPORTING PERSON
2,196,7	178
(SEE INSTRUCTIONS)	NT IN ROW (9) EXCLUDES CERTAIN SHARES
(11) PERCENT OF CLASS REPRESENTED BY	AMOUNT IN ROW (9)
5.04 %	
(12) TYPE OF REPORTING PERSON (SEE IN HC	ISTRUCTIONS)
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	13G Page 4 of 8 Page
	13G Page 4 of 8 Page
tem 1.	
tem 1. (a) Name of Issuer	ion
tem 1. (a) Name of Issuer United Therapeutics Corporati	ion L Executive Offices.
tem 1. (a) Name of Issuer United Therapeutics Corporati (b) Address of Issuer's Principal 1040 Spring Street, Silver S	ion L Executive Offices.
(a) Name of Issuer United Therapeutics Corporati (b) Address of Issuer's Principal	ion L Executive Offices.

(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, par value \$.01 per share

(e) CUSIP Number.

91307C102

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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: 2,196,778 shares

RTHC: 2,196,778 shares, comprising the shares beneficially owned by RTHC, because of RTHC's majority ownership of RTC.

(b) Percent of Class.

RTC: 5.04 % RTHC: 5.04 %

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

RTC: 2,010,433 RTHC: 2,010,433

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

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

RTC: 2,056,438 RTHC: 2,056,438

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

RTC: 140,340 RTHC: 140,340

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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, par value \$.01 per share of United Therapeutics Corporation.

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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