SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G (Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1 (b) (c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2 (b)

		THRESHO	OLD PHARMACEUTICAL	S, INC.			
			(Name of Issuer)				
		Common	Stock, \$0.001 par	value			
		(Title	of Class of Secur	rities)			
			885807107				
			(CUSIP Number)				
			November 15, 2007	,			
(Date o	f Event which	ch Requires Filing	of this State	ement)		
is filed: X _	Rule 1 Rule 1	e box to des 3d-1(b) 3d-1(c) 3d-1(d)	signate the rule p	oursuant to whi	ch this Schedule		
initial filing	on th uent a	is form with mendment cor	ntaining informati	ubject class o	of securities, and		
to be "filed" 1934 ("Act") o	for th r othe	e purpose of rwise subjec	remainder of this E Section 18 of th et to the liabilit er provisions of t	e Securities E ies of that se	ection of the Act		
CUSIP No. 885807107 13G Page 2 c					Page 2 of 8 Pages		
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Renaissa	nce Te	chnologies I	LLC	26-0385758			
2. CHECK AP (a) _ (b) _	PROPRI	ATE BOX IF F	A MEMBER OF A GROU	JP (SEE INSTRUC	CTIONS):		
3. SEC USE	ONLY						
4. CITIZENS	HIP OR	PLACE OF OF	RGANIZATION				
Delaware							
	5.	S. SOLE VOTING POWER					
		1,990,528					
NUMBER OF	6.	SHARED VOTI	ING POWER				
SHARES BENEFICIALLY		0					
OWNED BY EACH	7.	SOLE DISPOS	SITIVE POWER				
REPORTING PERSON		1,990,528					
WITH	8.	SHARED DISE	POSITIVE POWER				
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9. AGGREGAT	E AMOU	NT BENEFICIA	ALLY OWNED BY EACH	REPORTING PER	RSON		
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James H.	Simon	5		
CHECK API (a) _ (b) _			CTIONS):	
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		PLACE OF ORGANIZATION		
		SOLE VOTING POWER		
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1300 Seaport Boulevard

(b) Address of Issuer's Principal Executive Offices.

Item 2.

(a) Name of Person Filing.

This Schedule 13G is being filed by Renaissance Technologies LLC ("RTC") and James H. Simons ("Simons").

(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.

Dr. Simons is a United States citizen and RTC is a Delaware limited liability company

(d) Title of Class of Securities.

Common Stock, \$0.001 par value

(e) CUSIP Number.

885807107

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Item 3. If this statement is filed pursuant to Rule 13d-1(b) or 13d-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. 240.13d1 (b) (1) (ii) (F).
- (g) | Parent holding company, in accordance with Sec. 240.13d-1(b) (ii) (G).
- (h) |_| A savings association 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).

If this statement is filed pursuant to Sec. 240.13d-1(c), check this box $|_|$.

Item 4. Ownership

(a) Amount Beneficially Owned.

RTC: 1,990,528 shares

Simons: 1,990,528 shares, comprising the shares beneficially owned by RTC, because of Dr. Simons' position as control person of RTC.

- (b) Percent of Class. RTC: 5.33% Simons: 5.33%
- (c) Number of shares as to which each such person has

(i) sole power to vote or to direct the vote: RTC: 1,990,528 Simons: 1,990,528

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

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

0

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 $\mid \ \mid$

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 or Control Person.

Not applicable.

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

Not applicable.

Item 9. Notice of Dissolution of 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 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, 2008

/s/ James H. Simons

James H. Simons

Renaissance Technologies LLC

By: /s/ Mark Silber

Mark Silber
Executive 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 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, \$0.001 par value of THRESHOLD PHARMACEUTICALS, INC.

Date: February 12, 2008

/s/ James H. Simons
-----James H. Simons

Renaissance Technologies LLC

By: /s/ Mark Silber

Mark Silber

Executive Vice President

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