ARENA PHARMACEUTICALS INC Form SC 13G/A October 23, 2007

> SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 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)

(Amendment No. 1) *

ARENA PHARMACEUTICALS, INC.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

040047102

(CUSIP Number)

October 15, 2007

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

|_| Rule 13d-1(b) |X| Rule 13d-1(c) |_| Rule 13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 040047102

1.	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)	
	Deerfield Capital, L.P.	
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*	(a) _

(b) |X|

3.	SEC USE	ONLY					
4.	CITIZENS	HIP OR	PLACE OF ORGANIZATION				
	Delaware						
		 5 .	SOLE VOTING POWER				
			0				
NITIMI	PED OF	6	SHARED VOTING POWER				
SHA	ARES						
	FICIALLY ED BY		2,232,635				
	ACH ORTING	7.	SOLE DISPOSITIVE POWER				
	RSON ITH		0				
		8.	SHARED DISPOSITIVE POWER				
			2,232,635				
10.	2,232,63 CHECK BO		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN	SHARE	 S*	_	
11. PERCENT OF CLASS REPRESENTED BY AMO			SS REPRESENTED BY AMOUNT IN ROW (9)				
	3.64%						
12.	TYPE OF REPORTING PERSON*						
	PN						
			*SEE INSTRUCTIONS BEFORE FILLING OUT!				
				Page	2 01	f 13	
CUSIP	No. 0400	47102					
1.			ING PERSONS ICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)				
	Deerfiel	d Partı	ners, L.P.				
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) _ (b) X						
3.	SEC USE ONLY						

	CITIZENSI	HTP OR	PLACE OF ORGANIZATION			
1.						
	Delaware					
		5.	SOLE VOTING POWER			
NUMBER OF SHARES			0			
		6.	SHARED VOTING POWER			
BENE			2,232,635			
Ež	ACH	7.	SOLE DISPOSITIVE POWER			
PEI	ORTING RSON		0			
W	ITH	8.	SHARED DISPOSITIVE POWER			
			2,232,635			
9.	AGGREGATI	E AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
	2,232,63	5				
10.	CHECK BO	 K IF T	HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN	SHARES* _		
11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)						
3.64%						
12.	TYPE OF REPORTING PERSON*					
	PN					
			*SEE INSTRUCTIONS BEFORE FILLING OUT!			
				Page 3 of 13		
CUSIP	No. 04004	47102				
1.	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)					
	Deerfield Management Company, L.P.					
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) _ (b) X					
3.	SEC USE (
 4 •			PLACE OF ORGANIZATION			
	New York					

5. SOLE VOTING POWER

			0			
NUMI	BER OF	6.	SHARED VOTING POWER			
SHARES BENEFICIALLY OWNED BY EACH			3,868,008			
		 7.	SOLE DISPOSITIVE POWER			
	ORTING RSON		0			
WITH		8.	SHARED DISPOSITIVE POWER			
			3,868,008			
9.	AGGREGAT	 E AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
	3,868,008					
10.	Childre Do	~	The restriction in the rest of the restriction of t	5mm(15 1_1		
	DEDCENT		CC DEDDECENTED BY AMOUNT IN DOW (0)			
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 6.27%					
12.		REPORI	ING PERSON*			
	PN 					
			*SEE INSTRUCTIONS BEFORE FILLING OUT!			
				Page 4 of 13		
CUSIP	No. 0400	47102 				
1.			ING PERSONS ICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)			
	Deerfiel	d Inte	rnational Limited			
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) _ (b) X					
3.	SEC USE					
4.	CITIZENS	HIP OF	PLACE OF ORGANIZATION			
	British	Virgin	Islands			
		5.	SOLE VOTING POWER			
			0			
NUMI	BER OF	 6.	SHARED VOTING POWER			

SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH			3,868,008						
		7.	SOLE DISPOSITIVE POWER						
			0						
		8.	SHARED DISPOSITIVE POWER						
			3,868,008						
9.	AGGREGAI	'E AMOU	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON						
	3,868,00	08							
10.	СНЕСК ВС	BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* $ _ $							
11.	PERCENT	OF CLA	ASS REPRESENTED BY AMOUNT IN ROW (9)	·					
	6.27%								
12.	TYPE OF	TYPE OF REPORTING PERSON*							
	со								
			*SEE INSTRUCTIONS BEFORE FILLING OUT!						
				Page 5 of	13				
CUSIE	P No. 0400	47102							
1.			TING PERSONS TICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)						
	James E.	Flynr	1						
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) (b)								
3.	SEC USE	SE ONLY							
4.	CITIZENS	SHIP OF	R PLACE OF ORGANIZATION						
	United S	tates							
		5.	SOLE VOTING POWER						
SHARES BENEFICIALLY OWNED BY		6.	SHARED VOTING POWER						
			6,100,643						
		7. SOLE DISPOSITIVE POWER							

PERSON WITH					
WI	TH	8. SHARED DISPOSI	TIVE POWER		
		6,100,643			
9. ž	AGGREG	TE AMOUNT BENEFICIALLY	OWNED BY EACH REPORTING PERSON		
	6,100,	00,643			
10. (CHECK	BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* _			
	 PERCEN 9.83%	NT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
		REPORTING PERSON*			
	IN				
		*SEE INSTRUCTI	ONS BEFORE FILLING OUT!		
			Page 6 of 13		
CUSIP 1	No.	40047102			
Item 1	(a).	ame of Issuer:			
		RENA PHARMACEUTICALS,	INC.		
Item 1	(b).	ddress of Issuer's Pri	ncipal Executive Offices:		
		166 Nancy Ridge Drive an Diego, California 9 	2121		
Item 2	(a).	ame of Person Filing:			
			ld Capital, L.P., Deerfield Partners, L.P., mpany, L.P., Deerfield International Limited,		
Item 2	(b).	ddress of Principal Bu	siness Office, or if None, Residence:		
		eerfield Management Co ew York, NY 10017, Dee	ld Capital, L.P., Deerfield Partners, L.P. mpany, L.P., 780 Third Avenue, 37th Floor, rfield International Limited, c/o Bisys , Columbus Centre, P.O. Box 3460, Road Town, Islands		
Item 2	(c).	itizenship:			
		r Elypp - United Stat			

Mr. Flynn - United States citizen Deerfield Capital, L.P. and Deerfield Partners, L.P.- Delaware limited partnerships

Deerfield Management Company, L.P. - New York limited partnership Deerfield International Limited - British Virgin Islands corporation

Item 2(d). Title of Class of Securities:

Common Stock

Item 2(e). CUSIP Number:

040047102

- 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 Exchange Act.
 - (b) |_| Bank as defined in Section 3(a)(6) of the Exchange Act.
 - (c) |_| Insurance company as defined in Section 3(a)(19) of the Exchange Act.
 - (d) |_| Investment company registered under Section 8 of the Investment Company Act.
 - (e) |_| An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);
 - (f) $|_|$ An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);
 - (g) |_| A parent holding company or control person in accordance with Rule 13d-1(b)(1)(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;
 - (j) $|_|$ Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

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Item 4. Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned:

Deerfield Capital, L.P. - 2,232,635 shares (includes 370,900 shares underlying call options)

Deerfield Partners, L.P. - 2,232,635 shares (includes 370,900 shares underlying call options)

Deerfield Management Company, L.P. - 3,868,008 shares (includes 629,100 shares underlying call options)

Deerfield International Limited - 3,868,008 shares (includes 629,100 shares underlying call options)

James E. Flynn - 6,100,643 shares (includes 1,000,000 shares underlying call options)

_____ (b) Percent of class: Deerfield Capital, L.P. - 3.64% Deerfield Partners, L.P. - 3.64% Deerfield Management Company, L.P. - 6.27% Deerfield International Limited - 6.27% James E. Flynn - 9.83% _____ (c) Number of shares as to which such person has: (i) Sole power to vote or to direct the vote All Reporting Persons - 0 (ii) Shared power to vote or to direct the vote Deerfield Capital, L.P. - 2,232,635 shares (includes 370,900 shares underlying call options) Deerfield Partners, L.P. - 2,232,635 shares (includes 370,900 shares underlying call options) Deerfield Management Company, L.P. - 3,868,008 shares (includes 629,100 shares underlying call options) Deerfield International Limited - 3,868,008 shares (includes 629,100 shares underlying call options) James E. Flynn - 6,100,643 shares (includes 1,000,000 shares underlying call options) _____ Page 8 of 13 (iii) Sole power to dispose or to direct the disposition of All Reporting Persons - 0 (iv) Shared power to dispose or to direct the disposition of Deerfield Capital, L.P. - 2,232,635 shares (includes 370,900 shares underlying call options) Deerfield Partners, L.P. - 2,232,635 shares (includes 370,900 shares underlying call options) Deerfield Management Company, L.P. - 3,868,008 shares (includes 629,100 shares underlying call options) Deerfield International Limited - 3,868,008 shares (includes 629,100 shares underlying call options) James E. Flynn - 6,100,643 shares (includes 1,000,000 shares underlying call options) _____

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.

If any other person is known to have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, such securities, a statement to that effect should be included in response to this item and, if such interest relates to more than five percent of the class, such person should be identified. A listing of the shareholders of an investment company registered under the Investment Company Act of 1940 or the beneficiaries of employee benefit plan, pension fund or endowment fund is not required.

N/A

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

If a parent holding company or Control person has filed this schedule, pursuant to Rule 13d-1(b)(1)(ii)(G), so indicate under Item 3(g) and attach an exhibit stating the identity and the Item 3 classification of the relevant subsidiary. If a parent holding company or control person has filed this schedule pursuant to Rule 13d-1(c) or Rule 13d-1(d), attach an exhibit stating the identification of the relevant subsidiary.

N/A

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

If a group has filed this schedule pursuant to ss.240.13d-1(b)(1)(ii)(J), so indicate under Item 3(j) and attach an exhibit stating the identity and Item 3 classification of each member of the group. If a group has filed this schedule pursuant to ss.240.13d-1(c) or ss.240.13d-1(d), attach an exhibit stating the identity of each member of the group.

See Exhibit B

Item 9. Notice of Dissolution of Group.

Notice of dissolution of a group may be furnished as an exhibit stating the date of the dissolution and that all further filings with respect to transactions in the security reported on will be filed, if required, by members of the group, in their individual capacity. See Item 5.

N/A

Item 10. Certifications.

"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 such purpose or effect."

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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.

DEERFIELD CAPITAL, L.P.

- By: J.E. Flynn Capital LLC, General Partner
- By: /s/ Darren Levine

Darren Levine, Authorized Signatory

- DEERFIELD PARTNERS, L.P.
- By: Deerfield Capital, L.P.
- By: J.E. Flynn Capital LLC, General Partner
- By: /s/ Darren Levine Darren Levine, Authorized Signatory

DEERFIELD MANAGEMENT COMPANY, L.P.

By: Flynn Management LLC General Partner

By: /s/ Darren Levine Darren Levine, Authorized Signatory

DEERFIELD INTERNATIONAL LIMITED

By: Deerfield Management Company

By: Flynn Management LLC, General Partner

By: /s/ Darren Levine

Darren Levine, Authorized Signatory

JAMES E. FLYNN

/s/ Darren Levine

Darren Levine, Attorney-in-Fact

Date: October 23, 2007

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