### UNITED STATES 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)

(Amendment No. )1

Merrimack Pharmaceuticals, Inc.
(Name of Issuer)
Common Stock, \$0.01 par value
(Title of Class of Securities)
590328209
(CUSIP Number)
April 6, 2018
(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)
⊠ 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 disclosures provided in a prior cover page.
The information required on 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 ("Act") 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).

1	NAME OF BERON	EDIC DEDCOM									
1	NAME OF REPORT	TING PERSON									
	Piotochnolog	y Value Fund, L.P.									
2		OPRIATE BOX IF A MEMBER OF A GROUP	(a) 🗵								
2	CHECK THE AFF	OF KIATE DOX IF A MEMIDER OF A GROOF	(a) ⊠ (b) □								
	(0)										
3	SEC USE ONLY										
	SEC COL CIVET	DEC ODE ONE!									
4	CITIZENSHIP OR I	PLACE OF ORGANIZATION									
	Delaware										
NUMBER OF	5	SOLE VOTING POWER									
SHARES		0.1									
BENEFICIALLY OWNED BY	6	0 shares SHARED VOTING POWER									
EACH	0	SHARED VOTING POWER									
REPORTING		549,309									
PERSON WITH	7	SOLE DISPOSITIVE POWER									
	,	DODD DIGITAL TO WELL									
		0 shares									
	8	SHARED DISPOSITIVE POWER									
		549,309									
9	AGGREGATE AMO	OUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON									
	549,309										
10		IE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES									
10	CHECK BOA IF THE AGGREGATE AMOUNT IN KOW (9) EACLUDES CERTAIN SHAKES										
11	PERCENT OF CLA	SS REPRESENTED BY AMOUNT IN ROW (9)									
	4.1%										
12	TYPE OF REPORT	ING PERSON									
	DNI										
	PN										

1	NAME OF REPORTING PERSON										
	Biotechnolog	gy Value Fund II, L.P.									
2	CHECK THE APPI	ROPRIATE BOX IF A MEMBER OF A GROUP	(a) 🗵								
		(b) □									
3	SEC USE ONLY										
4	CITIZENSHIP OR	PLACE OF ORGANIZATION									
	Delaware										
NUMBER OF	5	SOLE VOTING POWER									
SHARES											
BENEFICIALLY		0 shares									
OWNED BY	6	SHARED VOTING POWER									
EACH		242.222									
REPORTING		348,002									
PERSON WITH	7	SOLE DISPOSITIVE POWER									
		0 shares									
	8	SHARED DISPOSITIVE POWER									
	0	SHARED DISPOSITIVE POWER									
		348,002									
9	AGGREGATE AM	OUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON									
	AGGILL AM	OUNT BENEFICIALLY OWNED BY EACH REPORTING LERSON									
	348,002										
10		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES									
	Chief Delta The Tree Control of the										
11	PERCENT OF CLA	ASS REPRESENTED BY AMOUNT IN ROW (9)									
	2.6%										
12	TYPE OF REPORT	TING PERSON									
	PN										

1 NAME OF REPORTING PERSON Biotechnology Value Trading Fund OS LP  2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) ⊠ (b) □  3 SEC USE ONLY  4 CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH 7 SOLE DISPOSITIVE POWER 9 SHARED DISPOSITIVE POWER  8 SHARED DISPOSITIVE POWER 9 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) Less than 1% 12 TYPE OF REPORTING PERSON PN											
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a) (b) (b) (c) (c) (d) (d) (d) (e) (e) (e) (e) (e) (e) (e) (e) (e) (e	1	NAME OF REPORT	TING PERSON								
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a) (b) (b) (c) (c) (d) (d) (d) (e) (e) (e) (e) (e) (e) (e) (e) (e) (e		D: 4 1 1	WI T I F LOOID								
3 SEC USE ONLY  4 CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands  NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH 7 SOLE DISPOSITIVE POWER  0 shares  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) Less than 1%  12 TYPE OF REPORTING PERSON	2			(a) M							
3 SEC USE ONLY  4 CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands  NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  9 3,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) Less than 1%  12 TYPE OF REPORTING PERSON	2	CHECK THE APPE	ROPRIATE BOX IF A MEMBER OF A GROUP								
4 CITIZENSHIP OR PLACE OF ORGANIZATION  Cayman Islands  NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  0 shares  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON			(0) 🗆								
Cayman Islands  NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  0 shares  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON	3	SEC USE ONLY									
Cayman Islands  NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  0 shares  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON											
Cayman Islands  NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  0 shares  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON											
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON	4	CITIZENSHIP OR	PLACE OF ORGANIZATION								
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON		Cayman Isla	nds								
SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  0 shares  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON	NUMBER OF										
OWNED BY EACH REPORTING POWER  93,350  7 SOLE DISPOSITIVE POWER  0 shares  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON			SOLE VOTATO TO WER								
EACH REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  0 shares  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON											
REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  0 shares  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON		6	SHARED VOTING POWER								
PERSON WITH  7 SOLE DISPOSITIVE POWER  0 shares  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON	_		02.250								
0 shares  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON		7									
8 SHARED DISPOSITIVE POWER 93,350 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 93,350 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1% 12 TYPE OF REPORTING PERSON	PERSON WITH	/	SOLE DISPOSITIVE POWER								
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 93,350 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1% 12 TYPE OF REPORTING PERSON			0 shares								
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 93,350 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1% 12 TYPE OF REPORTING PERSON		8	SHARED DISPOSITIVE POWER								
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 93,350 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1% 12 TYPE OF REPORTING PERSON											
93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON		+ CCDEC ATE AND									
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON	9	AGGREGATE AM	OUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON								
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON		93.350									
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON	10		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES								
Less than 1%  12 TYPE OF REPORTING PERSON											
Less than 1%  12 TYPE OF REPORTING PERSON											
12 TYPE OF REPORTING PERSON	11	PERCENT OF CLA	ASS REPRESENTED BY AMOUNT IN ROW (9)								
12 TYPE OF REPORTING PERSON		Less than 10%	6								
	12										
PN		l III or ner our									
		PN									

1 NAME OF REPORTING PERSON  BVF Partners OS Ltd.  2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a) ⊠ (b) □  3 SEC USE ONLY  4 CITIZENSHIP OR PLACE OF ORGANIZATION  Cayman Islands  NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON  CO													
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a)  (b)  (b)  (b)  (c)  (c)  (d)  (d)  (e)  (d)  (e)  (d)  (e)  (e	1	NAME OF REPORT	TING PERSON										
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a)  (b)  (b)  (b)  (c)  (c)  (d)  (d)  (e)  (d)  (e)  (d)  (e)  (e													
3 SEC USE ONLY  4 CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands  NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH 7 SOLE DISPOSITIVE POWER  0 shares  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) Less than 1%  12 TYPE OF REPORTING PERSON		BVF Partners	OS Ltd.										
3 SEC USE ONLY  4 CITIZENSHIP OR PLACE OF ORGANIZATION  Cayman Islands  NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  9 3,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON	2	CHECK THE APPR	(**) —										
4 CITIZENSHIP OR PLACE OF ORGANIZATION  Cayman Islands  NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON		(b) □											
4 CITIZENSHIP OR PLACE OF ORGANIZATION  Cayman Islands  NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON													
Cayman Islands  NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  0 shares  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON	3	SEC USE ONLY											
Cayman Islands  NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  0 shares  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON													
Cayman Islands  NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  0 shares  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON													
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON	4	CITIZENSHIP OR F	PLACE OF ORGANIZATION										
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON													
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON		Cayman Islan	ds										
BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON	NUMBER OF												
OWNED BY EACH REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  0 shares  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON	SHARES												
EACH REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  0 shares  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON	BENEFICIALLY		0 shares										
REPORTING PERSON WITH  7 SOLE DISPOSITIVE POWER  0 shares  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON	OWNED BY	6	SHARED VOTING POWER										
PERSON WITH  7 SOLE DISPOSITIVE POWER  0 shares  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON	EACH												
0 shares  8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON	REPORTING		93,350										
8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON	PERSON WITH	7	SOLE DISPOSITIVE POWER										
8 SHARED DISPOSITIVE POWER  93,350  9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON													
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 93,350 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1% 12 TYPE OF REPORTING PERSON			0 shares										
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 93,350 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1% 12 TYPE OF REPORTING PERSON		8	SHARED DISPOSITIVE POWER										
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 93,350 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1% 12 TYPE OF REPORTING PERSON													
93,350  10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON			93,350										
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON	9	AGGREGATE AMO	OUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON										
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON													
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  Less than 1%  12 TYPE OF REPORTING PERSON		93,350											
Less than 1%  12 TYPE OF REPORTING PERSON	10	CHECK BOX IF TH	IE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES										
Less than 1%  12 TYPE OF REPORTING PERSON													
Less than 1%  12 TYPE OF REPORTING PERSON													
12 TYPE OF REPORTING PERSON	11	PERCENT OF CLA	SS REPRESENTED BY AMOUNT IN ROW (9)										
12 TYPE OF REPORTING PERSON													
СО	12	TYPE OF REPORTI	NG PERSON										
CO													
		CO											

1	NAME OF REPORT	ING PERSON										
	BVF Partners											
2	CHECK THE APPRO	OPRIATE BOX IF A MEMBER OF A GROUP	(a) 🗵									
	(b) □											
3	SEC USE ONLY											
4	CITIZENSHIP OR P	LACE OF ORGANIZATION										
	- 1											
	Delaware		,									
NUMBER OF	5	SOLE VOTING POWER										
SHARES BENEFICIALLY		0.1										
OWNED BY		0 shares SHARED VOTING POWER										
EACH	6											
REPORTING		1,112,300										
PERSON WITH	7	SOLE DISPOSITIVE POWER										
TERSON WITH	′	SOLE DISFOSITIVE FOWER										
		0 shares										
	8	SHARED DISPOSITIVE POWER										
		STERRED BISTOSTITETOWER										
		1,112,300										
9	AGGREGATE AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON										
	1,112,300											
10	CHECK BOX IF TH	E AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES										
11	PERCENT OF CLAS	S REPRESENTED BY AMOUNT IN ROW (9)										
	8.3%											
12	TYPE OF REPORTI	NG PERSON										
	DN 14											
	PN, IA											

1	NAME OF REPORT	ING PERSON										
	BVF Inc.											
2	CHECK THE APPRO	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) $\boxtimes$										
	$\text{(b)} \ \Box$											
3	SEC USE ONLY											
4	CITIZENSHIP OR P	LACE OF ORGANIZATION										
	Delaware											
NUMBER OF	5	SOLE VOTING POWER										
SHARES BENEFICIALLY		0.1										
OWNED BY	6	0 shares SHARED VOTING POWER										
EACH	6											
REPORTING		1,112,300										
PERSON WITH	7	SOLE DISPOSITIVE POWER										
TERSOIT WITH	,	SOLE DISTOSITIVE TOWER										
		0 shares										
	8	SHARED DISPOSITIVE POWER										
	_											
		1,112,300										
9	AGGREGATE AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON										
	1,112,300											
10	CHECK BOX IF TH	E AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES										
11	PERCENT OF CLAS	S REPRESENTED BY AMOUNT IN ROW (9)										
	0.20/											
12	8.3%	NO DEDCOM										
12	TYPE OF REPORTIN	NG PERSON										
	СО											

1	NAME OF REPORT	FINC DEDSON	-									
Ī	NAME OF REPORT	MINIL OF REFORMING LEROON										
	Mark N. Lam	nert										
2		OPRIATE BOX IF A MEMBER OF A GROUP	(a) 🗵									
3	SEC USE ONLY	SEC USE ONLY										
4	CITIZENCIIID OD I	PLACE OF ORGANIZATION										
4	CITIZENSIIIF OK	LACE OF ORGANIZATION										
	United States											
NUMBER OF	5	SOLE VOTING POWER										
SHARES												
BENEFICIALLY		0 shares										
OWNED BY EACH	6	SHARED VOTING POWER										
REPORTING		1,112,300										
PERSON WITH	7	SOLE DISPOSITIVE POWER										
		0 shares										
	8	SHARED DISPOSITIVE POWER										
		1,112,300										
9	AGGREGATE AMO	DUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON										
	AGGREGATE AIM	DEVELOPMENT OWNED BY EACH REPORTING LEGION										
	1,112,300											
10	CHECK BOX IF TH	HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES										
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)											
11	FERCENT OF CLA	SS REFRESENTED DT AMOUNT IN ROW (9)										
	8.3%											
12	TYPE OF REPORT	ING PERSON										
	IN											

Item 1(a). Name of Issuer:

Merrimack Pharmaceuticals, Inc., a Delaware corporation (the "Issuer").

Item 1(b). Address of Issuer's Principal Executive Offices:

> One Kendall Square, Suite B7201 Cambridge, Massachusetts 02139

Item 2(a). Name of Person Filing

Item 2(b). Address of Principal Business Office or, if None, Residence

Item 2(c). Citizenship

Biotechnology Value Fund, L.P. ("BVF")

1 Sansome Street, 30<sup>th</sup> Floor San Francisco, California 94104 Citizenship: Delaware

Biotechnology Value Fund II, L.P. ("BVF2")

1 Sansome Street, 30<sup>th</sup> Floor San Francisco, California 94104 Citizenship: Delaware

Biotechnology Value Trading Fund OS LP ("Trading Fund OS")

PO Box 309 Ugland House Grand Cayman, KY1-1104 Cayman Islands

Citizenship: Cayman Islands

BVF Partners OS Ltd. ("Partners OS")

PO Box 309 Ugland House Grand Cayman, KY1-1104

Cayman Islands

Citizenship: Cayman Islands

BVF Partners L.P. ("Partners") 1 Sansome Street, 30th Floor San Francisco, California 94104 Citizenship: Delaware

BVF Inc.

1 Sansome Street, 30<sup>th</sup> Floor San Francisco, California 94104

Citizenship: Delaware

Mark N. Lampert ("Mr. Lampert") 1 Sansome Street, 30<sup>th</sup> Floor San Francisco, California 94104 Citizenship: United States

Each of the foregoing is referred to as a "Reporting Person" and collectively as the "Reporting Persons."

CUSIP NO. 590328209 Item 2(d). Title of Class of Securities: Common Stock, \$0.01 par value (the "Common Stock") Item 2(e). CUSIP Number: 590328209 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: /x/ Not applicable. // Broker or dealer registered under Section 15 of the Exchange Act. (a) (b) // Bank as defined in Section 3(a)(6) of the Exchange Act. // Insurance company as defined in Section 3(a)(19) of the Exchange Act. (c) // Investment company registered under Section 8 of the Investment Company Act. (d) // An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E). (e) (f) // An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F). // A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G). (g) // A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act.

#### Item 4. Ownership

(i)

(j)

(k)

Amount beneficially owned: (a)

//

//

//

Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

the type of institution:

As of the close of business on April 10, 2018 (i) BVF beneficially owned 549,309 shares of Common Stock, (ii) BVF2 beneficially owned 348,002 shares of Common Stock, and (iii) Trading Fund OS beneficially owned 93,350 shares of Common Stock.

A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act.

Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J),

Partners OS, as the general partner of Trading Fund OS, may be deemed to beneficially own the 93,350 shares of Common Stock beneficially owned by Trading Fund OS.

Partners, as the general partner of BVF, BVF2, the investment manager of Trading Fund OS, and the sole member of Partners OS, may be deemed to beneficially own the 1,112,300 shares of Common Stock beneficially owned in the aggregate by BVF, BVF2, Trading Fund OS, and certain Partners managed accounts (the "Partners Managed Accounts"), including 121,639 shares of Common Stock held in the Partners Managed Accounts.

BVF Inc., as the general partner of Partners, may be deemed to beneficially own the 1,112,300 shares of Common Stock beneficially owned by Partners.

Mr. Lampert, as a director and officer of BVF Inc., may be deemed to beneficially own the 1,112,300 shares of Common Stock beneficially owned by BVF Inc.

The foregoing should not be construed in and of itself as an admission by any Reporting Person as to beneficial ownership of any shares of Common Stock owned by another Reporting Person. Partners OS disclaims beneficial ownership of the shares of Common Stock beneficially owned by Trading Fund OS. Each of Partners, BVF Inc. and Mr. Lampert disclaims beneficial ownership of the shares of Common Stock beneficially owned by BVF, BVF2, Trading Fund OS, and the Partners Managed Accounts, and the filing of this statement shall not be construed as an admission that any such person or entity is the beneficial owner of any such securities.

#### (b) Percent of class:

The following percentages are based on 13,342,784 shares of Common Stock outstanding, as of March 7, 2018, which is the total number of shares of Common Stock outstanding as reported in the Issuer's Annual Report filed on Form 10-K with the Securities and Exchange Commission on March 12, 2018.

As of the close of business on April 10, 2018 (i) BVF beneficially owned approximately 4.1% of the outstanding shares of Common Stock, (ii) BVF2 beneficially owned approximately 2.6% of the outstanding shares of Common Stock, (iii) Trading Fund OS beneficially owned less than 1% of the outstanding shares of Common Stock (iv) Partners OS may be deemed to beneficially own less than 1% of the outstanding shares of Common Stock, and (v) each of Partners, BVF Inc. and Mr. Lampert may be deemed to beneficially own approximately 8.3% of the outstanding shares of Common Stock (less than 1% of the outstanding shares of Common Stock is held in the Partners Managed Accounts).

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

See Cover Pages Items 5-9.

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

See Cover Pages Items 5-9.

(iii) Sole power to dispose or to direct the disposition of

See Cover Pages Items 5-9.

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

See Cover Pages Items 5-9.

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

Not Applicable.

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

Partners, BVF Inc. and Mr. Lampert share voting and dispositive power over the shares of Common Stock beneficially owned by BVF, BVF2, Trading Fund OS, and the Partners Managed Accounts.

Item 7. Identification and Classification of the Subsidiary That 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.

See Exhibit 99.1.

Item 9. Notice of Dissolution of Group.

Not Applicable.

Item 10. Certifications.

By signing below each of the undersigned certifies that, to the best of its 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 his knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: April 10, 2018

BIOTECHNOLOGY VALUE FUND, L.P.

By: BVF Partners L.P., its general partner

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert President

BIOTECHNOLOGY VALUE FUND II, L.P.

By: BVF Partners L.P., its general partner By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

BVF PARTNERS L.P.

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

BVF PARTNERS OS LTD.

By: BVF Partners L.P., its sole member

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

BIOTECHNOLOGY VALUE TRADING FUND OS LP

By: BVF Partners L.P., its investment manager

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

BVF INC.

/s/ Mark N. Lampert

By: Mark N. Lampert

President

/s/ Mark N. Lampert

MARK N. LAMPERT

#### **Joint Filing Agreement**

The undersigned hereby agree that the Statement on Schedule 13G dated April 10, 2018 with respect to the shares of Common Stock of Merrimack Pharmaceuticals, Inc., and any further amendments thereto executed by each and any of the undersigned shall be filed on behalf of each of the undersigned pursuant to and in accordance with the provisions of Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, as amended.

Dated: April 10, 2018

	TF										

By: BVF Partners L.P., its general partner

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

#### BVF INC.

/s/ Mark N. Lampert

By: Mark N. Lampert

President

/s/ Mark N. Lampert

MARK N. LAMPERT

### BIOTECHNOLOGY VALUE FUND II, L.P.

By: BVF Partners L.P., its general partner

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert President

#### BVF PARTNERS L.P.

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

#### BVF PARTNERS OS LTD.

By: BVF Partners L.P., its sole member By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President

#### BIOTECHNOLOGY VALUE TRADING FUND OS LP

By: BVF Partners L.P., its investment manager

By: BVF Inc., its general partner

By: /s/ Mark N. Lampert

Mark N. Lampert

President