MARINUS PHARMACEUTICALS INC
Form SC 13G/A
February 14, 2018

#### **UNITED STATES**

#### SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549
SCHEDULE 13G
Under the Securities Exchange Act of 1934 (Amendment No. 1)
Marinus Pharmaceuticals, Inc.
_
(Name of Issuer)
common stock, par value \$0.001 per share
_
(Title of Class of Securities)
56854Q101
_
(CUSIP Number)
December 31, 2017
_
(Date of Event Which Requires Filing of this Statement)
Check the appropriate box to designate the rule pursuant to which this Schedule is filed:
[X] Rule 13d-1(b)
[X] Rule 13d-1(c)
[] Rule 13d-1(d)

<sup>\*</sup> 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 ("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).

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

CUSIP 56854	Q101	
_		
	1	Names of Reporting Persons.
	1.	EcoR1 Capital, LLC
_		
2. Check the	Appropriate Box if a	Member of a Group (See Instructions)
(a) <u>X</u>		
(b) _		
_		
	2	
_	3.	SEC Use Only _
	4.	Citizenship or Place of Organization Delaware
Number of Shares	5. Sole Voting Po	
Beneficially Owned by	<ul><li>6. Shared Voting I</li><li>7. Sole Dispositive</li></ul>	
	g 8. Shared Disposit	ive Power <b>0</b>
_	9. Agg	gregate Amount Beneficially Owned by Each Reporting Person <b>0</b>
10.	Check if the Aggrega	te Amount in Row (9) Excludes Certain Shares (See Instructions)

Percent of Class Represented by Amount in Row (9) 0%

11.

12. Type of Reporting Person (See Instructions) **OO** 

CUSIP 5685	4Q101		
_			
	1		Names of Reporting Persons.
	1	•	Oleg Nodelman
_			
2. Check the	e Appropriate Box	x if a Member of a Group	(See Instructions)
(a) <u>X</u>			
(b) _			
_			
_		3.	SEC Use Only _
	4.	Citizenship	or Place of Organization United States
Number of	5. Sole Votir	=	
Shares Beneficially		oting Power <b>0</b> ositive Power <b>-0-</b>	
Owned by Each Reporti Person With:		spositive Power <b>0</b>	
_	9.	Aggregate Amount Ben	eficially Owned by Each Reporting Person <b>0</b>
10.	Check if the Ag	gregate Amount in Row (9	9) Excludes Certain Shares (See Instructions)

Percent of Class Represented by Amount in Row (9) 0%

11.

12. Type of Reporting Person (See Instructions) **IN** 

CUSIP 568540	Q101	
_		
		Names of Reporting Persons.  1.
		EcoR1 Capital Fund Qualified, L.P.
_		
		Check the Appropriate Box if a Member of a Group (See Instructions)
	2.	(a)
		(b)
_		
3. SEC Use C	Only .	
		4. Citizenship or Place of Organization <b>Delaware</b>
Number of	5.	Sole Voting Power -0-
Shares	(	Chan I Vatin Danie 0
Beneficially		Shared Voting Power <b>0</b> Sole Dispositive Power <b>-0-</b>
Owned by		
Each Reportin	g 8.	Shared Dispositive Power <b>0</b>
Person With:		
_	9.	Aggregate Amount Beneficially Owned by Each Reporting Person <b>0</b>

10.

_		Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)
_	11.	Percent of Class Represented by Amount in Row (9) <b>0</b> %
_	12.	Type of Reporting Person (See Instructions) PN
4		

CUSIP 56854Q101

(e)

	Item	Name of Issuer	1.
(a)		Marinus Pharmace	euticals, Inc.
(b)		s Principal Executive hester Rd, Suite 250,	
The names of the persons filing th	Item nis statement are:		2.
(a) EcoR1 Capital Fund Qualified, ("Nodelman") (collectively, the	L.P. ("Qualified Fi "Filers").	und"); EcoR1 Capita	al, LLC ("EcoR1") and Oleg Nodelman
	a group. In additi ission that it is, an	on, filing this Schedud it disclaims that it	ule 13G on behalf of Qualified Fund is, a beneficial owner, as defined in
Each Filer also disclaims beneficia interest therein.	l ownership of the	Stock except to the e	extent of that person's pecuniary
(b)		business office of the treet, San Francisco,	
(c) For	citizenship of Filers	, see Item 4 of the cov	ver sheet for each Filer.
(d) This statem of the Issuer (the "Stock").	ent relates to shares	of common stock, p	ar value \$0.001 per share

The CUSIP number of the Issuer is: 56854Q101.

### CUSIP 56854Q101

Item 3. If this statement is a:	s filed pursuant to rule	240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing i
(a) (b) (c) [ (d)[] Investment compa (e) [X] Ar (f) [] An employ (g) as to Mr. N	[] Bank as of a linear set of	o, in accordance with section 240.13d-1(b)(1)(ii)(J).
See Items 5-9 and 11 of the	Item 4.	Ownership.
beneficial owner of more  Item 6.	filed to report the fact than five percent of th Ownership o	Ownership of Five Percent or Less of a Class that as of the date hereof the reporting person has ceased to be the e class of securities, check the following [X].  If More than Five Percent on Behalf of Another Person. ied Fund, hold the Stock for the benefit of their investors and have the
	_	of dividends from, or the proceeds from the sale of, the Stock.
Item Identification and a 7. Parent Holding Co Not applicable.		absidiary Which Acquired the Security Being Reported on By the
Item 8. EcoR1 is the general part the control person of Eco	ner and investment adv	ication and Classification of Members of the Group. viser of investment funds, including Qualified Fund. Mr. Nodelman is
Not applicable.	Item 9.	Notice of Dissolution of Group.
Certification of EcoR1 an	Item 10. ad Mr. Nodelman:	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 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.

Certification of Qualified Fund:

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.

Dated: February 13, 2018

EcoR1 CAPITAL, LLC

By: /s/ Oleg Nodelman, Manager

/s/ Oleg Nodelman

### EcoR1 CAPITAL FUND QUALIFIED, L.P.

By: EcoR1 Capital, LLC, General Partner

By: /s/ Oleg Nodelman, Manager

CUSIP 56854Q101 EXHIBIT A

AGREEMENT REGARDING JOINT FILING OF STATEMENT ON SCHEDULE 13D OR 13G

The undersigned agree to file jointly with the Securities and Exchange Commission (the "SEC") any and all statements on Schedule 13D, Schedule 13G or Forms 3, 4 or 5 (and any amendments or supplements thereto) required under section 13(d) or 16(a) of the Securities Exchange Act of 1934, as amended, in connection with purchases by the undersigned of the common stock of any issuer. For that purpose, the undersigned hereby constitute and appoint EcoR1 Capital, LLC a Delaware limited liability company, as their true and lawful agent and attorney-in-fact, with full power and authority for and on behalf of the undersigned to prepare or cause to be prepared, sign, file with the SEC and furnish to any other person all certificates, instruments, agreements and documents necessary to comply with section 13(d) and section 16(a) of the Securities Exchange Act of 1934, as amended, in connection with said purchases, and to do and perform every act necessary and proper to be done incident to the exercise of the foregoing power, as fully as the undersigned might or could do if personally present.

Dated: February 14, 2018

EcoR1 CAPITAL, LLC

By: /s/ Oleg Nodelman, Manager

/s/ Oleg Nodelman

#### EcoR1 CAPITAL FUND QUALIFIED, L.P.

By: EcoR1 Capital, LLC, General Partner

By: /s/ Oleg Nodelman, Manager