MARINUS PHARMACEUTICALS INC Form SC 13G/A January 10, 2018

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13G

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 4)*

MARINUS PHARMACEUTICALS, INC.

(Name of Issuer)

Voting 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)
- [] 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 $\frac{1}{2}$

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).

JSIP N 2 of	0. 56854Q101 14	13G
1.	NAMES OF REPORTING PERSONS.	
	Franklin Resources, Inc.	
2.	CHECK THE APPROPRIATE BOX IF A MEMBER	OF A GROUP
	(a)	
	(b) X	
3.	SEC USE ONLY	
4.	CITIZENSHIP OR PLACE OF ORGANIZATION	
	Delaware	
NUMBE	R OF SHARES BENEFICIALLY OWNED BY EACH	REPORTING PERSON WITH:

5. SOLE VOTING POWER

	(See Item 4)
6.	SHARED VOTING POWER
	(See Item 4)
7.	SOLE DISPOSITIVE POWER
	(See Item 4)
8.	SHARED DISPOSITIVE POWER
	(See Item 4)
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	2,147,385
10.	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES
	CERTAIN SHARES []
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
	5.3%

12. TYPE OF REPORTING PERSON

HC, CO (See Item 4)

SIP N 3 of	O. 56854Q101 14	13G
1.	NAMES OF REPORTING PERSONS.	
	Charles B. Johnson	
2.	CHECK THE APPROPRIATE BOX IF A MEMBER	OF A GROUP
	(a) (b) X	
3.	SEC USE ONLY	
4.	CITIZENSHIP OR PLACE OF ORGANIZATION	
	USA	
NUMBE:	R OF SHARES BENEFICIALLY OWNED BY EACH	REPORTING PERSON WITH:

5. SOLE VOTING POWER

	(See Item 4)
6.	SHARED VOTING POWER
	(See Item 4)
7.	SOLE DISPOSITIVE POWER
	(See Item 4)
8.	SHARED DISPOSITIVE POWER
	(See Item 4)
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	2,147,385
10.	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES []
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
	5.3%

12. TYPE OF REPORTING PERSON

HC, IN (See Item 4)

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5. SOLE VOTING POWER

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1.	NAMES OF REPORTING PERSONS.
	Rupert H. Johnson, Jr.
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP
	(a)
	(b) X
3.	SEC USE ONLY
4.	CITIZENSHIP OR PLACE OF ORGANIZATION
	USA
NUMBE	ER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:

	(See Item 4)
6.	SHARED VOTING POWER
	(See Item 4)
7.	SOLE DISPOSITIVE POWER
	(See Item 4)
8.	SHARED DISPOSITIVE POWER
	(See Item 4)
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	2,147,385
10.	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES []
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
	5.3%

12. TYPE OF REPORTING PERSON

HC, IN (See Item 4)

USIP N 5 of	10. 56854Q101 14	13G
1.	NAMES OF REPORTING PERSONS.	
	Franklin Advisers, Inc.	
2.	CHECK THE APPROPRIATE BOX IF A MEMBER	OF A GROUP
	(a) (b) X	
3.	SEC USE ONLY	
4.	CITIZENSHIP OR PLACE OF ORGANIZATION	
	California	
NUMBE	R OF SHARES BENEFICIALLY OWNED BY EACH	REPORTING PERSON WITH:

5. SOLE VOTING POWER

2,147,385

12. TYPE OF REPORTING PERSON

6.	SHARED VOTING POWER
	0
7.	SOLE DISPOSITIVE POWER
	2,147,385
8.	SHARED DISPOSITIVE POWER
	0
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	2,147,385
10.	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES []
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
	5.3%

IA, CO (See Item 4)

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CUSIP NO. 56854Q101
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    Item 1.
    (a) Name of Issuer
         MARINUS PHARMACEUTICALS, INC.
    (b) Address of Issuer's Principal Executive Offices
          170 N. Radnor Chester Rd., Suite 250
          Radnor, PA 19087
    Item 2.
    (a)
        Name of Person Filing
          (i): Franklin Resources, Inc.
          (ii): Charles B. Johnson
          (iii): Rupert H. Johnson, Jr.
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(iv): Franklin Advisers, Inc.
   Address of Principal Business Office or, if none, Residence
(b)
     (i), (ii), and (iii):
          One Franklin Parkway
          San Mateo, CA 94403 1906
     (iv): One Franklin Parkway
          San Mateo, CA 94403 1906
(C)
   Citizenship
     (i): Delaware
     (ii) and (iii): USA
     (iv): California
   Title of Class of Securities
(d)
     Voting Common Stock, par value $0.001 per share
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(e) CUSIP Number

56854Q101

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Item 3 or (c),	. If this statement is filed pursuant to \$\$240.13d 1(b) or 240.13d 2(b)
	check whether the person filing is a:
U.S.C. 78c	(a) [] Broker or dealer registered under section 15 of the Act (15 o).
78c).	(b) [] Bank as defined in section 3(a)(6) of the Act (15 U.S.C.
(15 U.S.C.	(c) [] Insurance company as defined in section 3(a)(19) of the Act
	78c).
	(d) [] Investment company registered under section 8 of the
Investment	Company
	Act of 1940 (15 U.S.C 80a 8).
\$240.13d 1	(e) [X] An investment adviser in accordance with L(b)(1)(ii)(E);
	(f) [] An employee benefit plan or endowment fund in accordance with
	\$240 13d 1(b)(1)(ii)(F):

(g)	[X] A parent holding company or control person in accordance with
	\$240.13d 1(b)(1)(ii)(G);
(h) Federal Deposit	[] A savings associations as defined in Section 3(b) of the
	Insurance Act (12 U.S.C. 1813);
(i) investment	[] A church plan that is excluded from the definition of an
of 1940 (15	company under section 3(c)(14) of the Investment Company Act
	U.S.C. 80a 3);
(j)	[] A non U.S. institution in accordance with §240.13d 1(b)(ii)(J);
(k)	[] Group, in accordance with §240.13d 1(b)(1)(ii)(K).
If f \$240.13d 1(b)(3	iling as a non U.S. institution in accordance with 1)(ii) (J).
plea	se specify the type of institution:
Item 4. C	Ownership
The securi	ties reported herein are beneficially owned by one or more open
closed end	l investment companies or other managed accounts that are

management clients of investment managers that are direct and indirect subsidiaries

(each, an "Investment Management Subsidiary" and, collectively, the "Investment

Management Subsidiaries") of Franklin Resources Inc. ("FRI"), including the Investment

Management Subsidiaries listed in this Item 4. When an investment management contract

(including a sub advisory agreement) delegates to an Investment Management Subsidiary

investment discretion or voting power over the securities held in the investment

advisory accounts that are subject to that agreement, FRI treats the Investment

Management Subsidiary as having sole investment discretion or voting authority, as the

case may be, unless the agreement specifies otherwise. Accordingly, each Investment

Management Subsidiary reports on Schedule 13G that it has sole investment discretion

and voting authority over the securities covered by any such investment management

agreement, unless otherwise noted in this Item 4. As a result, for purposes of Rule

 $13d\ 3$ under the Act, the Investment Management Subsidiaries listed in this Item 4 may

be deemed to be the beneficial owners of the securities reported in this Schedule 13G.

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Beneficial ownership by Investment Management Subsidiaries and other FRI affiliates is

being reported in conformity with the guidelines articulated by the SEC staff in

Release No. $34\ 39538$ (January 12, 1998) relating to organizations, such as FRI, where

related entities exercise voting and investment powers over the securities being

reported independently from each other. The voting and investment powers held by

Franklin Mutual Advisers, LLC ("FMA"), an indirect wholly owned Investment Management

Subsidiary, are exercised independently from FRI and from all other Investment

Management Subsidiaries (FRI, its affiliates and the Investment Management

Subsidiaries other than FMA are collectively, "FRI affiliates"). Furthermore, internal

policies and procedures of FMA and FRI establish informational barriers that prevent $\ensuremath{\mathsf{E}}$

the flow between FMA and the FRI affiliates of information that relates to the voting

and investment powers over the securities owned by their respective management

clients. Consequently, FMA and FRI affiliates report the securities over which they

hold investment and voting power separately from each other for purposes of Section 13

of the Act.

Charles B. Johnson and Rupert H. Johnson, Jr. (the "Principal Shareholders") each own

in excess of 10% of the outstanding common stock of FRI and are the principal $\frac{10\%}{10\%}$

stockholders of FRI. FRI and the Principal Shareholders may be deemed to be, for

purposes of Rule 13d 3 under the Act , the beneficial owners of securities held by

persons and entities for whom or for which FRI subsidiaries provide investment

management services. The number of shares that may be deemed to be beneficially owned

and the percentage of the class of which such shares are a part are reported in Items

9 and 11 of the cover pages for FRI and each of the Principal Shareholders. FRI, the

Principal Shareholders and each of the Investment Management Subsidiaries disclaim any

pecuniary interest in any of the such securities. In addition, the filing of this

Schedule 13G on behalf of the Principal Shareholders, FRI and the FRI affiliates, as $\frac{1}{2}$

applicable, should not be construed as an admission that any of them is, and each of

them disclaims that it is, the beneficial owner, as defined in Rule $13d\ 3$, of any of

the securities reported in this Schedule 13G.

FRI, the Principal Shareholders, and each of the Investment Management Subsidiaries

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believe that they are not a "group" within the meaning of Rule 13d 5 under the \mbox{Act} and
that they are not otherwise required to attribute to each other the beneficial
ownership of the securities held by any of them or by any persons or entities for whom
or for which the Investment Management Subsidiaries provide investment management
services.
(a) Amount beneficially owned:
2,147,385
(b) Percent of class:
5.3%
(c) Number of shares as to which the person has:
(i) Sole power to vote or to direct the vote
Franklin Resources, Inc.: 0

Charles B.

Johnson:

0

Rupert H. Johnson,
Jr.:

Franklin Advisers, Inc.:

2,147,385

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

0

13G CUSIP NO. 56854Q101 Page 9 of 14 (iii) Sole power to dispose or to direct the disposition of Franklin Resources, 0 Inc.: Charles B. Johnson: 0 Rupert H. Johnson, Jr.: 0 Franklin Advisers, Inc.: 2,147,385 (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 $\\ \qquad \qquad \text{than five percent of the class of securities, check the following } [\].$

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

The clients of the Investment Management Subsidiaries, including investment

companies registered under the Investment Company Act of 1940 and other

 $% \left(1\right) =\left(1\right) \left(1\right)$ managed accounts, have the right to receive or power to direct the receipt of