ARCA biopharma, Inc. Form SC 13G/A March 08, 2018

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UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 2)*

ARCA BIOPHARMA, INC.

(Name of Issuer)

Common Stock \$0.001 par value (Title of Class of Securities)

00211Y407

(CUSIP Number)

February 28, 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:

- [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

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).

SIP N 2 of		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
	486,736 [1]
10.	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES []
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
	4.0%

12. TYPE OF REPORTING PERSON

HC, CO (See Item 4)

[1] Includes 486,746 shares of Common Stock issuable on the exercise of warrants.

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1.	NAMES OF REPORTING PERSONS.	
	Charles B. Johnson	
2.	CHECK THE APPROPRIATE BOX IF A MEMBER	R OF A GROUP
	(a) (b) X	
3.	SEC USE ONLY	
4.	CITIZENSHIP OR PLACE OF ORGANIZATION	
	USA	
NUI	MBER OF SHARES BENEFICIALLY OWNED BY EACH	REPORTING PERSON WITH:

5. SOLE VOTING POWER

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 EAC	CH REPORTING PERSON
486,736	
10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) E CERTAIN SHARES []	EXCLUDES
11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN	ROW (9)
4.0%	

12. TYPE OF REPORTING PERSON

HC, IN (See Item 4)

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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	
N	IUMBEI	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
	486,736
10.	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES
	CERTAIN SHARES []
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
	4.0%

12. TYPE OF REPORTING PERSON

HC, IN (See Item 4)

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Page 5 of 13 Item 1. (a) Name of Issuer ARCA BIOPHARMA, INC. (b) Address of Issuer's Principal Executive Offices 11080 CirclePoint Road, Suite 140 Westminster, CO 80020 Item 2. (a) Name of Person Filing (i): Franklin Resources, Inc.

(ii): Charles B. Johnson

CUSIP NO. 00211Y407

	(iii): Rupert H. Johnson, Jr.
(b)	Address of Principal Business Office or, if none, Residence
	(i), (ii), and (iii): One Franklin Parkway San Mateo, CA 94403 1906
(c)	Citizenship
	(ii) Delaware (iii) and (iiii): USA
(d)	Title of Class of Securities
	Common Stock \$0.001 par value

CUSIP Number

(e)

00211Y407

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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 unde	er section 15 of the Act (15
78c).	(b) [] Bank as defined in section 3(a)((6) of the Act (15 U.S.C.
(15 U.S.C.	<pre>(c) [] Insurance company as defined in .78c).</pre>	section 3(a)(19) of the Act
Investment	<pre>(d) [] Investment company registered un t Company</pre>	nder section 8 of the
§240.13d 1	(e) [] An investment adviser in accorda 1(b)(1)(ii)(E);	ance with
	(f) [] An employee benefit plan or endo	owment fund in accordance with

(g) [X] A parent holding company or control person in accordance with

\$240.13d 1(b)(1)(ii)(G);

(h) [] A savings associations as defined in Section 3(b) of the Federal Deposit $\,$

Insurance Act (12 U.S.C. 1813);

(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 (15

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 filing as a non U.S. institution in accordance with $\$240.13d\ 1(b)\ (1)\ (ii)\ (J)$.

please specify the type of institution:

Item 4. Ownership

The securities reported herein are beneficially owned by one or more open or

closed end investment companies or other managed accounts that are investment

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 $\mbox{management}$

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 $4\ \mathrm{may}$

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

Beneficial ownership by Investment Management Subsidiaries and other FRI affiliates is

being reported in conformity with the guidelines articulated by the SEC staff in $\ensuremath{\mathsf{SEC}}$

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") and Franklin Advisory Services, LLC ("FAS"), each 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 and FAS are collectively, "FRI $\,$

affiliates"). Furthermore, internal policies and procedures of FMA, FAS and ${\sf FRI}$ establish

informational barriers that prevent the flow between FMA and FAS, on the one hand, and the

FRI affiliates, on the other hand, of information that relates to the voting and investment

powers over the securities owned by their respective management clients. Consequently, FMA

and FAS report the securities over which they hold investment and voting power separately

from the FRI affiliates for purposes of Section 13 of the Act.

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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 $\,$

 $9\ \mathrm{and}\ 11\ \mathrm{of}\ \mathrm{the}\ \mathrm{cover}\ \mathrm{pages}\ \mathrm{for}\ \mathrm{FRI}\ \mathrm{and}\ \mathrm{each}\ \mathrm{of}\ \mathrm{the}\ \mathrm{Principal}\ \mathrm{Shareholders.}$ 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

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:

486,736

(b) Percent of class:

4.0%

- (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.: 0

Franklin Advisers,

Inc.: 486,736

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

0

CUSIP NO. 00211Y407 13G Page 8 of 13 (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, 486,736 Inc.: (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 $\\ \qquad \qquad \text{than five percent of the class of securities, check the following } [X].$

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

managed accounts, have the right to receive or power to direct the receipt of

dividends from, and the proceeds from the sale of, the securities reported

herein.

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Item 7. Identification and Classification of the Subsidiary Which Acquired the $\ensuremath{\mathsf{Acq}}$

Security Being Reported on By the Parent Holding Company

See Attached Exhibit C

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 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.

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This report shall not be construed as an admission by the persons filing the report $% \left(1\right) =\left(1\right) +\left(1\right)$

that they are the beneficial owner of any securities covered by this report.

Exhibits.

Exhibit A Joint Filing Agreement

Exhibit B Limited Powers of Attorney for Section 13 Reporting Obligations

Exhibit C Item 7 Identification and Classification of Subsidiaries

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: March 8, 2018

Franklin Resources, Inc.

Charles B. Johnson

Rupert H. Johnson, Jr.

By: /s/LORI A. WEBER

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