

BioAmber Inc.  
Form SC 13G/A  
February 16, 2016

**SECURITIES  
AND  
EXCHANGE  
COMMISSION  
Washington,  
D.C. 20549**

**SCHEDULE  
13G/A**

Under the  
Securities  
Exchange Act of  
1934

(Amendment No.  
2)

BioAmber Inc.  
(Name of Issuer)

Common Stock,  
\$0.01 par value  
per share  
(Title of Class of  
Securities)

09072Q106  
(CUSIP Number)

December 31,  
2015  
(Date of Event  
Which Requires  
Filing of this  
Statement)

Check the  
appropriate box  
to designate the  
rule pursuant to  
which this  
Schedule 13G is

filed:

Rule 13d-1(b)

Rule 13d-1(c)

Rule 13d-1(d)

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Pages)

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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 (the "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).

<b>1</b>	NAMES OF REPORTING PERSONS
	Arrowgrass Capital Partners (US) LP
	CHECK THE APPROPRIATE BOX IF A MEMBER (b) " OF A GROUP
<b>2</b>	
<b>3</b>	SEC USE ONLY CITIZENSHIP OR PLACE OF ORGANIZATION
	Delaware
	SOLE VOTING POWER
<b>5</b>	
	- 0 - SHARED VOTING POWER
<b>6</b>	375,889 shares of Common Stock issuable upon exercise of warrants
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	
<b>7</b>	SOLE DISPOSITIVE POWER
	- 0 - SHARED DISPOSITIVE POWER
<b>8</b>	375,889 shares of Common Stock issuable upon exercise of warrants

<b>9</b>	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
<b>10</b>	375,889 shares of Common Stock issuable upon exercise of warrants CHECK BOX IF THE AGGREGATE AMOUNT IN .. ROW (9) EXCLUDES CERTAIN SHARES PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
<b>11</b>	
<b>12</b>	1.4% TYPE OF REPORTING PERSON  IA, PN

<b>1</b>	NAMES OF REPORTING PERSONS
	Arrowgrass Capital Services (US) Inc.
	CHECK THE APPROPRIATE BOX IF A MEMBER (b) " OF A GROUP
<b>2</b>	
<b>3</b>	SEC USE ONLY CITIZENSHIP OR PLACE OF ORGANIZATION
	Delaware
	SOLE VOTING POWER
<b>5</b>	
	- 0 - SHARED VOTING POWER
<b>6</b>	375,889 shares of Common Stock issuable upon exercise of warrants
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	
<b>7</b>	SOLE DISPOSITIVE POWER
	- 0 - SHARED DISPOSITIVE POWER
<b>8</b>	375,889 shares of Common Stock issuable upon exercise of warrants

**9** AGGREGATE  
AMOUNT  
BENEFICIALLY  
OWNED BY EACH  
REPORTING  
PERSON

375,889 shares of  
Common Stock  
issuable upon exercise  
of warrants

**10** CHECK BOX  
IF THE  
AGGREGATE  
AMOUNT IN ..  
ROW (9)  
EXCLUDES  
CERTAIN  
SHARES  
PERCENT OF  
CLASS  
REPRESENTED BY  
**11** AMOUNT IN ROW  
(9)

1.4%  
**12** TYPE OF  
REPORTING  
PERSON

CO

**Item 1(a). NAME OF ISSUER.**

The name of the issuer is BioAmber Inc. (the "Company").

**Item 1(b). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:**

The Company's principal executive offices are located at 1250 Rene Levesque West, Suite 4310, Montreal, Quebec, Canada H3B 4W8.

**Item 2(a). NAME OF PERSON FILING:**

This statement is filed by:

- Arrowgrass Capital Partners (US) LP ("ACP"), a Delaware limited partnership, which serves as the investment (i) manager to Arrowgrass Master Fund, Ltd. (the "Arrowgrass Fund"), with respect to the shares of Common Stock (as defined below) issuable upon exercise of warrants directly held by the Arrowgrass Fund; and
- (ii) Arrowgrass Capital Services (US) Inc. ("ACS"), a Delaware corporation, which serves as the general partner of ACP, with respect to the Common Stock issuable upon exercise of warrants directly held by the Arrowgrass Fund.

The foregoing persons are hereinafter sometimes collectively referred to as the "Reporting Persons." Any disclosures herein with respect to persons other than the Reporting Persons are made on information and belief after making inquiry to the appropriate party.

The filing of this statement should not be construed as an admission that any of the Reporting Persons is, for the purposes of Section 13 of the Act, the beneficial owner of the Common Stock reported herein.

**Item 2(b). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE:**

The address of the business office of each of the Reporting Persons is 1330 Avenue of the Americas, 32nd Floor, New York, New York 10019.

**Item 2(c). CITIZENSHIP:**

ACP is a limited partnership organized under the laws of the State of Delaware. ACS is a corporation organized under the laws of the State of Delaware.

**Item 2(d). TITLE OF CLASS OF SECURITIES:**

Common Stock, \$0.01 par value per share (the "Common Stock").

**Item 2(e). CUSIP NUMBER:**

09072Q106



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**Item 3. IF THIS STATEMENT IS FILED PURSUANT TO §§ 240.13d-1(b) OR 240.13d-2(b) OR (c), CHECK WHETHER THE PERSON FILING IS A:**

- (a)  Broker or dealer registered under Section 15 of the Act (15 U.S.C. 78o);
- (b)  Bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c);
- (c)  Insurance company as defined in Section 3(a)(19) of the Act (15 U.S.C. 78c);
- (d)  Investment company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
- (e)  Investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);  
Employee benefit plan or endowment fund in accordance with
- (f)  Rule 13d-1(b)(1)(ii)(F);  
  
Parent holding company or control person in accordance with
- (g)  Rule 13d-1(b)(1)(ii)(G);  
Savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (h)   
  
Church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the
- (i)  Investment Company Act (15 U.S.C. 80a-3);
- (j)  Non-U.S. institution in accordance with Rule 13d-1(b)(1)(ii)(J);
- (k)  Group, in accordance with Rule 13d-1(b)(1)(ii)(K).

If filing as a non-U.S. institution  
in accordance with Rule  
13d-1(b)(1)(ii)(J), please  
specify the type of institution:

**Item 4. OWNERSHIP.**

The information requested by Items 4(a) – (c) is set forth in Rows 5-11 of the cover page for each of the Reporting Persons and is incorporated herein by reference.

The percentages used herein are calculated based upon 25,857,671 shares of Common Stock outstanding, which reflects the number of shares outstanding as of November 9, 2015, as reported in the Company's quarterly report on Form 10-Q for the quarterly period ended September 30, 2015 filed with the Securities and Exchange Commission on November 9, 2015, and assumes the exercise of warrants.

**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 Persons have ceased to be the beneficial owners of more 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.**

Not applicable.

**Item 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY.**

Not applicable.

**Item 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP.**

Not applicable.

**Item 9. NOTICE OF DISSOLUTION OF GROUP.**

Not applicable.

**Item 10. CERTIFICATION.**

Each of the Reporting Persons hereby makes the following certification:

By signing below each Reporting Person certifies that, to the best of its 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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**SIGNATURES**

After reasonable inquiry and to the best of our knowledge and belief, the undersigned certify that the information set forth in this statement is true, complete and correct.

DATED: February 16, 2016

**ARROWGRASS CAPITAL  
PARTNERS (US) LP**

By: Arrowgrass Capital Service (US) Inc.,  
Its General Partner

/s/ Michael Edwards  
Name: Michael Edwards  
Title: Director

**ARROWGRASS CAPITAL  
SERVICES (US) INC.**

/s/ Michael Edwards  
Name: Michael Edwards  
Title: Director