

Aeterna Zentaris Inc.  
Form SC 13G/A  
February 13, 2014

CUSIP No: 007975303		
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**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

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**SCHEDULE 13G**

(Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT  
TO § 240.13d-1(b), (c) AND (d) AND AMENDMENTS THERETO FILED  
PURSUANT TO § 240.13d-2.

(Amendment No. 1)\*

**Aeterna Zentaris Inc.**

(Name of Issuer)

**Common Shares of Capital, no par value per share**

(Title of Class of Securities)

**007975303**

(CUSIP Number)

**December 31, 2013**

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

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- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

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\*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 purposes 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).

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- |      |   |                       |
|------|---|-----------------------|
| (1)  | Names of Reporting Persons<br>Capital Ventures International                            |                       |
| (2)  | Check the Appropriate Box if a Member of a Group (See Instructions)                     |                       |
|      | (a)   | <input type="radio"/> |
|      | (b)   | <input type="radio"/> |
| (3)  | SEC Use Only  |                       |
| (4)  | Citizenship or Place of Organization<br>Cayman Islands                                  |                       |
| (5)  | Sole Voting Power   | 0                     |
| (6)  | Shared Voting Power **  | 2,370,232             |
| (7)  | Sole Dispositive Power  | 0                     |
| (8)  | Shared Dispositive Power **   | 2,370,232             |
| (9)  | Aggregate Amount Beneficially Owned by Each Reporting Person<br>2,370,232               |                       |
| (10) | Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) | <input type="radio"/> |
| (11) | Percent of Class Represented by Amount in Row (9)<br>4.9%                               |                       |
| (12) | Type of Reporting Person (See Instructions)<br>CO                                       |                       |

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\*\* Heights Capital Management, Inc. is the investment manager to Capital Ventures International and as such may exercise voting and dispositive power over these shares.

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- |   |   |  |
|---|---|--|
| (1)   | Names of Reporting Persons<br>Heights Capital Management, Inc.  |  |
| (2)   | Check the Appropriate Box if a Member of a Group (See Instructions)   |  |
|   | (a)   | <input type="radio"/>                    |
|   | (b)   | <input type="radio"/>                    |
| (3)   | SEC Use Only  |  |
| (4)   | Citizenship or Place of Organization<br>Delaware  |  |
| Number of<br>Shares<br>Beneficially<br>Owned by<br>Each<br>Reporting<br>Person With | (5)   | Sole Voting Power<br>0                   |
|   | (6)   | Shared Voting Power **<br>2,370,232      |
|   | (7)   | Sole Dispositive Power<br>0              |
|   | (8)   | Shared Dispositive Power **<br>2,370,232 |
| (9)   | Aggregate Amount Beneficially Owned by Each Reporting Person<br>2,370,232                                     |  |
| (10)  | Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) <input type="radio"/> |  |
| (11)  | Percent of Class Represented by Amount in Row (9)<br>4.9%   |  |
| (12)  | Type of Reporting Person (See Instructions)<br>CO   |  |

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\*\* Heights Capital Management, Inc. is the investment manager to Capital Ventures International and as such may exercise voting and dispositive power over these shares.

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**Item 1.**

- (a) Name of Issuer  
Aeterna Zentaris Inc.
- (b) Address of Issuer's Principal Executive Offices  
1405 du Parc-Technologique Blvd., Quebec City, Quebec, Canada, G1P 4P5

**Item 2(a).**

Name of Person Filing  
This statement is filed by the entities listed below, who are collectively referred to herein as Reporting Persons, with respect to the common shares of capital of the Company, no par value per share (the Shares).

(i) Capital Ventures International

(ii) Heights Capital Management, Inc.

**Item 2(b).**

Address of Principal Business Office or, if none, Residence  
The address of the principal business office of Capital Ventures International is:

P.O Box 897

Winward 1, Regatta Office Park

West Bay Road

Grand Cayman KY1-1103

Cayman Islands

The address of the principal business office of Heights Capital Management, Inc. is:

101 California Street, Suite 3250

San Francisco, California 94111

**Item 2(c).**

Citizenship  
Citizenship is set forth in Row 4 of the cover page for each Reporting Person hereto and is incorporated herein by reference for each such Reporting Person.

**Item 2(d)**

Title of Class of Securities

Common shares of capital, no par value per share

**Item 2(e)**

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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)  An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
- (f)  An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);
- (g)  A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G);
- (h)  A savings association 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)(1)(ii)(J);  
Group, in accordance with Rule 13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with
- (k)  §240.13d-1(b)(1)(ii)(J), please specify the type of institution: \_\_\_\_\_

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**Item 4. Ownership**

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

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

The Shares reported as beneficially owned herein are issuable upon the exercise of warrants to purchase Shares. The warrants are not exercisable to the extent that the total number of Shares then beneficially owned by a Reporting Person and its Affiliates and any other Persons whose beneficial ownership of Shares would be aggregated with such Reporting Person for purposes of Section 13(d) of the Exchange Act, would exceed 4.99%.

The Company's Prospectus Supplement No. 4 (to Short Form Base Shelf Prospectus dated June 8, 2012, Registration No. 333-181714), filed on November 20, 2013 indicates there were 45,129,409 Shares outstanding as of the completion of the offering of the Shares referred to therein.

Heights Capital Management, Inc., which serves as the investment manager to Capital Ventures International, may be deemed to be the beneficial owner of all Shares owned by Capital Ventures International. Each of the Reporting Persons hereby disclaims any beneficial ownership of any such Shares, except for their pecuniary interest therein.

**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 than five percent of the class of securities, check the following:

**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 or Control Person**

Not applicable.

**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 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.

**SIGNATURES**

After reasonable inquiry and to the best of its knowledge and belief, each of the undersigned certifies that the information with respect to it set forth in this statement is true, complete, and correct.

Dated: February 13, 2104

CAPITAL VENTURES INTERNATIONAL

By: Heights Capital Management, Inc.  
pursuant to a Limited Power of Attorney

By: /s/ Brian Sopinsky  
Name: Brian Sopinsky  
Title: Secretary

HEIGHTS CAPITAL MANAGEMENT, INC.

By: /s/ Brian Sopinsky  
Name: Brian Sopinsky  
Title: Secretary



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**EXHIBIT INDEX**

<b>EXHIBIT</b>	<b>DESCRIPTION</b>
I	Limited Power of Attorney
II	Joint Filing Agreement

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**Exhibit I**

**LIMITED POWER OF ATTORNEY**

THIS LIMITED POWER OF ATTORNEY given on the 3rd day of April, 1999 by Capital Ventures International (hereinafter called the Company ), whose Registered Office is situated at Second Floor, One Capital Place, P.O. Box 1781, Grand Cayman Islands, B.W.I.

WHEREAS, by agreement dated March 10, 1997, by and between the Company and Heights Capital Management, the Company expressly authorized Heights Capital Management to enter into transactions in certain designated areas as defined in the Agreement attached hereto marked Appendix 1.

NOW THIS DEED WITNESSETH that Ian A.N. Wight (Director) and Woodburne Associates (Cayman) Limited (Secretary) of the Company, hereby appoint on behalf of the Company the firm of HEIGHTS CAPITAL MANAGEMENT which through its officers, directors and employees is hereby formally granted limited power of attorney for the purpose of entering into transactions on behalf of and for the account of the Company and to take any actions on behalf of the Company as may be necessary to consummate such transactions, including but not limited to instructing the transfer of funds where necessary and executing required documentation.

IN WITNESS WHEREOF, the Company has caused its common seal to be hereunto affixed the day and year above written.

THE COMMON SEAL OF  
CAPITAL VENTURES INTERNATIONAL  
was hereunto affixed in the presence of:

/s/ Ian A.N. Wight  
Ian A.N. Wight  
(Director)

/s/ Woodburne Associates  
Woodburne Associates  
(Cayman) Limited  
Secretary

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EXHIBIT II

JOINT FILING AGREEMENT

This will confirm the agreement by and among the undersigned that the Schedule 13G filed with the Securities and Exchange Commission on or about the date hereof with respect to the beneficial ownership by the undersigned of the common shares of capital of Aeterna Zentaris Inc., no par value per share is being filed, and all amendments thereto will be filed, on behalf of each of the persons and entities named below in accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

Dated as of November 29, 2013

CAPITAL VENTURES INTERNATIONAL

By: Heights Capital Management, Inc.  
pursuant to a Limited Power of Attorney

By: /s/ Brian Sopinsky  
Name: Brian Sopinsky  
Title: Secretary

HEIGHTS CAPITAL MANAGEMENT, INC.

By: /s/ Brian Sopinsky  
Name: Brian Sopinsky  
Title: Secretary