Aeterna Zentaris Inc. Form 6-K March 03, 2008

> FORM 6-K SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

> > REPORT OF FOREIGN ISSUER

Pursuant to Rule 13a-16 or 15d-16 of the Securities Exchange Act of 1934

For the month of February 2008

AETERNA ZENTARIS INC.

1405, boul. du Parc-Technologique Quebec, Quebec Canada, G1P 4P5 (Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F / / Form 40-F /X/

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934

Yes / / No /X/

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82-____

DOCUMENTS INDEX

DOCUMENTS DESCRIPTION

- 1. Press Release dated February 28, 2008: AEterna Zentaris to Announce Fourth Quarter and Full-Year 2007 Financial and Operating Results on March 5, 2008
 - [LOGO]

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> PRESS RELEASE For immediate release

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AETERNA ZENTARIS TO ANNOUNCE FOURTH QUARTER AND FULL-YEAR 2007 FINANCIAL AND OPERATING RESULTS ON MARCH 5, 2008

QUEBEC CITY, CANADA, FEBRUARY 28, 2008 - AEterna Zentaris Inc. (NASDAQ: AEZS, TSX: AEZ), a global biopharmaceutical company focused on endocrine therapy and oncology, will announce its fourth quarter and full-year 2007 financial and operating results before market open on Wednesday, March 5, 2008. The Company will host a conference call and webcast to discuss these results later that same day at 10:00 a.m., Eastern Time.

Participants may access the live webcast via the Company's website at www.aezsinc.com in the "Investors" section, or by telephone using the following numbers: 416-644-3425, 514-807-8791 or 800-595-8550. A replay of the webcast will also be available on the Company's website for a period of 30 days.

ABOUT AETERNA ZENTARIS INC.

AEterna Zentaris Inc. is a global biopharmaceutical company focused on endocrine therapy and oncology with proven expertise in drug discovery, development and commercialization. News releases and additional information are available at www.aezsinc.com.

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CONTACTS

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SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

AETERNA ZENTARIS INC.

Date: February 29, 2008

By: /s/Mario Paradis

Mario Paradis Senior Vice President, Administrative and Legal Affairs and Corporate Secretary
