Aeterna Zentaris Inc. Form 6-K April 03, 2012

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 April 2012

AETERNA ZENTARIS INC.

1405 du Parc-Technologique Boulevard

Quebec City, Québec

Canada, G1P 4P5

(Address of principal executive offices)

Edgar Filing: Aeterna Zentaris Inc. - Form 6-K

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 x Form 40-F "

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

99.1 Material Change Report of the registrant dated April 2, 2012.

2

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: April 2, 2012

By: /s/ Dennis Turpin

Dennis Turpin

Senior Vice President and Chief Financial Officer

3