

Aeterna Zentaris Inc.
Form SC 13G
February 11, 2008

TABLE OF CONTENTS

ANNEX 1
SIGNATURE

Table of Contents

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
Schedule 13G
Under the Securities Exchange Act of 1934
(Initial Statement)
Aeterna Zentaris inc.**

**(Name of Issuer)
Common Shares, Voting and participating**

**(Title of Class of Securities)
007975**

(CUSIP Number)

Check the following box if a fee is being paid with this statement 9. (a fee is not required only if the filing person: (1) has a previous statement on file reporting beneficial ownership of more than five percent of the class of securities described in Item I; and (2) has filed no amendment subsequent thereto reporting beneficial ownership of five percent or less of such class.) (See Rule 13d-7.)

* 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).

Table of Contents

CUSIP No. 007975 13G Page 2 of 5

1 NAMES OF REPORTING PERSONS
 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)
 Fonds de solidarité des travailleurs du Québec (F.T.Q.) (hereinafter referred to as Fonds)

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)
 (a) N/A
 (b) N/A

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION
 Montreal (Quebec) CANADA

5 SOLE VOTING POWER
 NUMBER OF 9,752,069 Common Shares, voting and participating.

6 SHARES BENEFICIALLY OWNED BY SHARED VOTING POWER
 N/A

7 EACH REPORTING PERSON SOLE DISPOSITIVE POWER
 9,752,069 Common Shares, voting and participating

8 WITH SHARED DISPOSITIVE POWER
 N/A

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9,752,069 Common Shares.

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)

N/A

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

18.34%

12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

IV

Table of Contents

ANNEX 1

ITEM 1

- (a) **Name of Issuer:** Aeterna Zentaris inc.
- (b) **Address of Issuer's Principal Executive offices:**
1405, du Parc Technologique blvd.
Quebec (Quebec) CANADA
G1P 4P5

ITEM 2

- (a) **Name of the person filing:** Fonds de solidarité des travailleurs du Québec (F.T.Q.) (Fonds)
- (b) **Address of Principal Business Office:**
545, Cremazie blvd. East, #200
Montreal (Quebec) CANADA
H2M 2W4
- (c) **Citizenship:** Fonds is a stock company and a labour-sponsored development capital investment fund established by an Act of the Legislature of the Province of Quebec, Canada. The majority of its directors are appointed by the Fédération des travailleurs du Québec (Quebec Federation of Labour).
- (d) **Title of Class of Securities:** Common Share
- (e) **CUSIP Number:** N/A

ITEM 3

Classification of person filing: N/A

ITEM 4

- (a) **Amount beneficially owned :** 9,752,069 Common Shares.
- (b) **Percent of class:** 18.34%

Page 3 of 5

Table of Contents

(c) Number of shares as to which such person has:

- i. **Sole power to vote or to direct the vote:** 9,752,069 Common Shares.
- ii. **Shared power to vote or to direct the vote :** N/A
- iii. **Sole power to dispose or to direct the disposition of :** 9,752,069 Common Shares.
- iv. **Shared power to dispose or to direct the disposition of :** N/A

ITEM 5

Ownership of 5% or less of a Class: N/A

ITEM 6

Ownership of more than 5% on behalf of another person: N/A

ITEM 7

Identification and classification of the subsidiary acquiring securities: N/A

ITEM 8

Identification and Classification of Members of the Group: N/A

ITEM 9

Notification of dissolution of Group: N/A

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.

Page 4 of 5

Table of Contents

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.

February 11, 2008.

(S) Chantal Leclerc

Chantal Leclerc

Senior Legal Advisor

Corporate Affairs Department

Page 5 of 5