**DUPONT ERIC** Form SC 13G/A January 25, 2006

> UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

> > SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 4) \*

AEterna Zentaris Inc. \_\_\_\_\_

(Name of Issuer)

Common Shares \_\_\_\_\_\_

(Title of Class of Securities)

007975204 \_\_\_\_\_

(CUSIP Number)

December 31, 2005

(Date of Event Which Requires Filing of this Statement)

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

[ ]Rule 13d-1(b)

[ ]Rule 13d-1(c)

[X]Rule 13d-1(d)

\* 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.

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1) NAMES OF REPORTING PERSONS

Dr. Eric Dupont

IRS IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) 2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP \_\_\_\_\_ 3) SEC USE ONLY 4) CITIZENSHIP OR PLACE OF ORGANIZATION NUMBER OF 5) SOLE VOTING POWER BENEFICIALLY 6) SHARED VOTING POWER OWNED BY \_\_\_\_\_\_ 7) SOLE DISPOSITIVE POWER EACH REPORTING \_\_\_\_\_\_ PERSON WITH 8) SHARED DISPOSITIVE POWER 9) AGGREGATE AMOUNT BENEFICIALLY OWNED 4,052,413\* BY EACH REPORTING PERSON  $^{\star}$  Includes (i) options held by the reporting person to purchase 285,000 Common Shares and (ii) 9,000 Common Shares held by 9143-5842 Quebec (the "Numbered Company"). All Common Shares held by the Numbered Company are deemed to be beneficially owned by the reporting person, who is the sole shareholder of the Numbered Company. \_\_\_\_\_\_ 10) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [ ] 11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) Approximately 8.7%\*\* \*\* Based on an aggregate of 46,424,814 Common Shares, which consists of options held by the reporting person to purchase 285,000 Common Shares and 46,139,814 Common Shares issued and outstanding as of December 31, 2005, as reported by the issuer to the reporting person. 12) TYPE OF REPORTING PERSON Page 2 of 6 Pages CUSIP No. 007975204 13G Page 3 of 6 Pages \_\_\_\_\_\_ Item 1(a). Name of Issuer: AEterna Zentaris Inc. Address of Issuer's Principal Executive Offices: Ttem 1(b). 1405, boul. du Parc-Technologique Quebec, Quebec Canada G1P 4P5 \_\_\_\_\_\_ Name of Person Filing: Item 2(a).

Dr. Eric Dupont

Item 2(b).	Address of Principal Business Office or, if None, Residence:				
	The principal business office address of the reporting person is as follows:				
	AEterna Zentaris Inc. 1405, boul. du Parc-Technologique Quebec, Quebec Canada G1P 4P5				
Item 2(c).	Citizenship:				
	The citizenship of the reporting person is as follows:				
	Canada				
Item 2(d).	Title of Class of Securities:				
	Common Shares				
Item 2(e).	CUSIP Number:				
	007975204				
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Item 3.	If this statement is filed pursuant 13d-2(b) or (c), check whether the	
	Not Applicable.	
Item 4.	Ownership.	
	Provide the following information number and percentage of the class issuer identified in Item 1.	
(a) An	mount beneficially owned:	4,052,413*
(b) Pe	ercent of class:	8.7%**
(c) Nu	umber of shares as to which the person l	has:
i)	i) Sole power to vote or to direct the	vote

(ii) Shared power to vote or to direct the vote

4,052,413\*

(iii) Sole power to dispose or to direct the disposition of 4,052,413\*

(iv) Shared power to dispose or to direct the disposition of

0

\*Includes (i) options held by the reporting person to purchase 285,000 Common Shares and (ii) 9,000 Common Shares held by the Numbered Company. All Common Shares held by the Numbered Company are deemed to be beneficially owned by the reporting person, who is the sole shareholder of the Numbered Company.

\*\* Based on an aggregate of 46,424,814 Common Shares, which consists of options held by the reporting person to purchase 285,000 Common Shares and 46,139,814 Common Shares issued and outstanding as of December 31, 2005, as reported by the issuer to the reporting person.

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Item 5.	Ownership of Five Percent or Less of a Class.						
	If this statement is being filed to reas of the date hereof the reporting pebe the beneficial owner of more than follows of securities, check the follows:	rson has ceased to ive percent of the					
Item 6.	Ownership of More than Five Percent on Person.	Behalf of Another					
	Not Applicable.						
Item 7.	Identification and Classification of Which Acquired the Security Being Repo Parent Holding Company or Control Pers	rted on by the					
	Not Applicable.						
Item 8.	Identification and Classification of M	embers of the Group.					
	Not Applicable.						
Item 9	Notice of Dissolution of Group.						
	Not Applicable.						
Item 10.	Certification.						
	Not Applicable.						

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				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

Dated: January 24, 2006

/s/ Eric Dupont
----Eric Dupont

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