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

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IRS IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) _____ _____ 2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [] (b) [] _____ 3) SEC USE ONLY _____ 4) CITIZENSHIP OR PLACE OF ORGANIZATION Canada _____ NUMBER OF 5) SOLE VOTING POWER 4,052,413* SHARES _____ BENEFICIALLY 6) SHARED VOTING POWER 0 OWNED BY _____ 7) SOLE DISPOSITIVE POWER EACH 4,052,413* REPORTING _____ PERSON WITH 8) SHARED DISPOSITIVE POWER 0 _____ 9) AGGREGATE AMOUNT BENEFICIALLY OWNED 4,052,413* BY EACH REPORTING PERSON * 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 ΤN _____ 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).

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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 to Rules 13d-1(b), or 13d-2(b) or (c), check whether the person filing is a:		
			Not Applicable.		
Item 4.			Ownership.		
			Provide the following in number and percentage of issuer identified in Ite	f the class of se	
	(a)	Amount	beneficially owned:		4,052,413*
		Percent	of class:		8.7%**
		Number	of shares as to which th	ne person has:	
		(i) Sol	e power to vote or to d	irect the vote	
			4,052,413*		
		(ii) Sl	ared power to vote or to	o direct the vote	

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(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 rep as of the date hereof the reporting per be the beneficial owner of more than fi class of securities, check the followir	rson has ceased to lve 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 Repor Parent Holding Company or Control Perso	rted on by the
	Not Applicable.	
Item 8.	Identification and Classification of Me	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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