Aeterna Zentaris Inc. Form 6-K April 07, 2009

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### SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

### FORM 6-K

#### REPORT OF FOREIGN ISSUER

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

For the month of April 2009

### ÆTERNA ZENTARIS INC.

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

Form 20-F  $\circ$  Form 40-F  $\circ$  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 o No ý
If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82-\_\_\_\_\_

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

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## DOCUMENTS INDEX

Documents	Description
99.1	Registrant's Management Information Circular dated March 10, 2009 for its Annual
	Meeting of Shareholders to be held on May 6, 2009
99.2	Form of Proxy
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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.

ÆTERNA ZENTARIS INC.

Date: April 6, 2009 By: /s/ DENNIS TURPIN

Dennis Turpin

Senior Vice President and Chief Financial Officer QuickLinks

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SIGNATURE