

BIOENVISION INC  
Form DEFA14A  
September 19, 2007  
UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

## SCHEDULE 14A

Proxy Statement Pursuant to Section 14(a) of  
the Securities Exchange Act of 1934 (Amendment No. )

Filed by the Registrant  x

Filed by a Party other than the Registrant  o

Check the appropriate box:

- o Preliminary Proxy Statement  
 o **Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))**  
 o Definitive Proxy Statement  
 x Definitive Additional Materials  
 o Soliciting Material Pursuant to §240.14a-12

## BIOENVISION, INC.

(Name of Registrant as Specified In Its Charter)

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

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- x No fee required.  
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 o Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.
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| (1) | Amount Previously Paid:                       |
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| (3) | Filing Party:                                 |
| (4) | Date Filed:                                   |

This filing consists of a presentation initially used on September 19, 2007, by Bioenvision, Inc. ( Bioenvision ) in connection with a meeting with Institutional Shareholder Services. Bioenvision may also use the presentation in connection with meetings with certain of its stockholders.



#### **ADDITIONAL INFORMATION AND WHERE TO FIND IT**

In connection with the proposed acquisition of Bioenvision, Inc. ( Bioenvision ) by Genzyme Corporation ( Genzyme ) and the required approval of the transaction by Bioenvision s stockholders, Bioenvision filed a definitive proxy statement and other relevant documents concerning the transaction with the Securities and Exchange Commission ( SEC ) on September 7, 2007. Stockholders of Bioenvision are urged to read the definitive proxy statement and any other relevant documents because they contain important information. Investors and security holders can obtain free copies of the definitive proxy statement and other relevant documents when they become available by contacting Bioenvision Investor Relations at (212) 750-6700 ext. 160. In addition, documents filed with the SEC by both Genzyme and Bioenvision are available free of charge at the SEC s web site at <http://www.sec.gov>.

Information regarding the identity of the persons who may, under SEC rules, be deemed to be participants in the solicitation of stockholders of Bioenvision in connection with the transaction, and their interests in the solicitation, is set forth in the proxy materials filed by Bioenvision with the SEC.

#### **FORWARD-LOOKING STATEMENTS**

Certain statements contained in the presentation are forward-looking statements, including express or implied statements regarding the future approval by Bioenvision s stockholders of the pending agreement and plan of merger with Genzyme and regarding Bioenvision obtaining regulatory approval of its products. Because these statements are subject to risks and uncertainties, actual results may differ materially from those expressed or implied by such forward-looking statements. Specifically, factors that could cause actual results to differ materially from those expressed or implied by such forward-looking statements include, but are not limited to: risks associated with whether the merger of Wichita Bio Corporation with and into Bioenvision will be approved by the stockholders of Bioenvision; risks associated with the uncertainty as to whether such merger will in fact occur, risks associated with disruptions from the proposed merger transaction which may harm relationships with customers, employees, suppliers and partners; risks associated with the outcome of litigation and regulatory proceedings to which we are currently a party and may become a party in the future; risks associated with preclinical and clinical developments in the biopharmaceutical industry in general and in Bioenvision s compounds under development in particular; the potential failure of Bioenvision s compounds under development to prove safe and effective for treatment of disease; uncertainties inherent in the early stage of Bioenvision s compounds under development; failure to successfully implement or complete clinical trials; failure to receive marketing clearance from regulatory agencies for our compounds under development; acquisitions, divestitures, mergers, licenses or strategic initiatives that change Bioenvision s business, structure or projections; the development of competing products; uncertainties related to Bioenvision s dependence on third parties and partners; and those risks described in Bioenvision s filings with the SEC. Bioenvision assumes no obligation to update any forward-looking statements as a result of new information or future events or developments, except as required by law and the statements contained in the presentation are current as of the date hereof only.

































































