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FOR IMMEDIATE RELEASE:

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**GENVEC TO HOST FOURTH QUARTER AND YEAR-END
2008 EARNINGS CALL AND WEBCAST**

GAITHERSBURG, MD – March 5, 2009 – GenVec, Inc. (Nasdaq: GNVC) announced that it will release financial results for the fourth quarter and year ended December 31, 2008 on Thursday, March 12, 2009 after market close. GenVec will hold a conference call at 10:00 a.m. EST on Friday, March 13, 2009 to discuss the company’s 2008 financial results and 2009 business outlook.

To listen to the live conference call, please dial 888.679.8035 (U.S. or Canada) or 617.213.4848 (international) and use access code 10745473. Participants may pre-register for the call anytime at: <https://www.theconferencingservice.com/prereg/key.process?key=P7MYUJTK7>. Pre-registrants will be issued a PIN number to use when dialing into the live call, which will provide quick access to the conference. An audio replay of the conference call will be available starting at 12:00 p.m. on March 13, 2009 through March 20, 2009. To listen to the audio replay, dial 888.286.8010 (U.S. or Canada) or 617.801.6888 (international) and use access code 59666335.

A live webcast of the conference call will be available on the Company’s website will be archived for 30 days. To access the webcast or the replay, go to www.genvec.com, click on “Investor Relations,” and click on “Webcasts and Data.”

About GenVec

GenVec, Inc. is a biopharmaceutical company developing novel therapeutic drugs and vaccines. GenVec’s lead product candidate, TNFerade™, is currently in a pivotal clinical study (PACT) in locally advanced pancreatic cancer. TNFerade has also been and is currently being evaluated for its potential use in the treatment of several other cancers, including esophageal cancer, rectal cancer,

and head and neck cancer. GenVec also uses its proprietary adenovector technology to develop vaccines for infectious diseases including HIV, malaria, foot-and-mouth disease, respiratory syncytial virus (RSV), and HSV-2. Additional information about GenVec is available at www.genvec.com and in the company's various filings with the Securities and Exchange Commission.

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