

GENENTECH INC  
Form 424B4  
April 01, 2004

PROSPECTUS SUPPLEMENT

FILED PURSUANT TO RULE 424(B)(4)

TO PROSPECTUS DATED MARCH 28, 2001

REGISTRATION NO. 333-37072

## GENENTECH, INC.

### SHARES OF COMMON STOCK

This prospectus supplement relates to the sale by certain selling shareholders of our common stock, par value \$.02 per share, that was originally delivered in exchange for Liquid Yield Option Notes due 2015 issued by Roche Holdings, Inc.

This prospectus supplement should be read in conjunction with the prospectus dated March 28, 2001, which is to be delivered with this prospectus supplement. All capitalized terms used but not defined in the prospectus supplement shall have the meanings given them in the prospectus.

The table below sets forth information as of the date hereof concerning beneficial ownership of the common stock of the selling shareholders as listed below. All information concerning beneficial ownership has been furnished by the selling shareholders.

NAME	NUMBER OF SHARES OF COMMON STOCK OWNED PRIOR TO OFFERING	NUMBER OF SHARES OFFERED	NUMBER OF SHARES OF COMMON STOCK OWNED AFTER THE OFFERING	PERCENTAGE OF COMMON STOCK OUTSTANDING
Credit Suisse First Boston Europe Limited	131,528	131,528	0	*
FHS Trading, LTD.	86,531	86,531	0	*
Plexus Fund Limited	129,797	129,797	0	*
KBC Financial Products (Cayman Islands) Ltd.	51,226	51,226	0	*
Maystone Continuum Master Fund, Ltd.	38,938	38,938	0	*
Mariner LDC	38,938	38,938	0	*
Lydian Overseas Partners Master Fund LTD.	349,244	349,244	0	*
Dylan (IMA) LTD.	21,633	21,633	0	*
Lydian Global	21,633	21,633	0	*

Opportunities  
Master  
Fund LTD.

Silverback Master, LTD.	708,517	708,517	0	*
----------------------------	---------	---------	---	---

---

\* Less than 1%

---

---

THE SECURITIES OFFERED HEREBY INVOLVE A HIGH DEGREE OF RISK. SEE  
[RISK FACTORS] BEGINNING ON PAGE 3 OF THE PROSPECTUS.

THESE SECURITIES HAVE NOT BEEN APPROVED OR DISAPPROVED BY THE  
SECURITIES AND EXCHANGE COMMISSION NOR HAS THE SECURITIES AND  
EXCHANGE COMMISSION OR ANY STATE SECURITIES COMMISSION PASSED  
UPON THE ACCURACY OR ADEQUACY OF THIS PROSPECTUS. ANY  
REPRESENTATION TO THE CONTRARY IS A CRIMINAL OFFENSE.

---

The date of this Prospectus Supplement is April 1, 2004.