Metza Kristen Form 4 February 22, 2010

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB 3235-0287

OMB APPROVAL

Number:

Expires:

January 31, 2005

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Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Metza Kristen			2. Issuer Name and Ticker or Trading Symbol GILEAD SCIENCES INC [GILD]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
			(Month/Day/Year)	Director 10% Owner			
GILEAD SCIENCES, INC., 333			02/19/2010	_X_ Officer (give title Other (spec below)			
LAKESIDE DRIVE				SVP, Human Resources			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line)			
FOSTER CITY, CA 94404				_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	(Zip) Tab	le I - Non-	Derivative	Secu	rities Acquir	ed, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securit bor Dispos (Instr. 3, 4	ed of	` ′	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	02/19/2010		M	12,000	A	\$ 28.26	18,203	D	
Common Stock	02/19/2010		M	8,000	A	\$ 30.945	26,203	D	
Common Stock	02/19/2010		M	17,500	A	\$ 32.79	43,703	D	
Common Stock	02/19/2010		S	37,500	D	\$ 49.0076 (4)	6,203	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amour Underlying Securit (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Sh
Non-Qualified Stock Option (right to buy)	\$ 28.26	02/19/2010		M	12,000	<u>(1)</u>	05/09/2016	Common Stock	12,0
Non-Qualified Stock Option (right to buy)	\$ 30.945	02/19/2010		M	8,000	(2)	07/26/2016	Common Stock	8,0
Non-Qualified Stock Option (right to buy)	\$ 32.79	02/19/2010		M	17,500	<u>(3)</u>	01/22/2017	Common Stock	17,5

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Metza Kristen

GILEAD SCIENCES, INC. 333 LAKESIDE DRIVE FOSTER CITY, CA 94404

SVP, Human Resources

Signatures

/s/Kristen Metza 02/22/2010

**Signature of Person Date

**Reporting Person

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) The options have a five year vesting schedule. 20% of the options vested on May 9, 2007, the first anniversary date of the grant. The balance will vest 5% every three months thereafter until fully vested on May 9, 2011.

Reporting Owners 2

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- The options have a five year vesting schedule. 20% of the options vested on July 26, 2007, the first anniversary date of the grant. The balance will vest 5% every three months thereafter until fully vested on July 26, 2011.
- (3) The options have a five year vesting schedule. 20% of the options vested on January 22, 2008, the first anniversary date of the grant. The balance will vest 5% every three months thereafter until fully vested on January 22, 2012.
- (4) Sale prices reported for the transactions reported here range from \$48.9901 to \$49.15. Full information regarding the number of shares purchased or sold at each price will be provided to the SEC, the issuer or its shareowners upon request.

Remarks:

The exercise and sale transactions reported in this Form 4 made pursuant to a Rule 10b5-1 trading plan established by Ms. Me Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.