

# FORM 4

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

OMB APPROVAL	
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person * V-Sciences Investments Pte Ltd		2. Issuer Name and Ticker or Trading Symbol VICAL INC [VICL]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) ____ Director <input checked="" type="checkbox"/> 10% Owner ____ Officer (give title below)      Other (specify below)	
(Last) (First) (Middle) 60B ORCHARD ROAD #06-18, TOWER 2, THE ATRIUM@ORCHARD		3. Date of Earliest Transaction (Month/Day/Year) 05/20/2009			
(Street) SINGAPORE, U0 238891		4. If Amendment, Date Original Filed(Month/Day/Year)		6. Individual or Joint/Group Filing (Check Applicable Line) ____ Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person	
(City) (State) (Zip)		<b>Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned</b>			

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			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)
			Code	V	Amount	(A) or (D)	Price			
Common Shares	05/20/2009		S		4,700	D	\$ 2.25	4,095,972	D (U)	
Common Shares	05/20/2009		S		300	D	\$ 2.26	4,095,672	D (U)	
Common Shares	05/20/2009		S		600	D	\$ 2.2717	4,095,072	D (U)	
Common Shares	05/20/2009		S		400	D	\$ 2.2725	4,094,672	D (U)	
Common Shares	05/20/2009		S		2,700	D	\$ 2.29	4,091,972	D (U)	
Common Shares	05/20/2009		S		700	D	\$ 2.3	4,091,272	D (U)	
Common Shares	05/20/2009		S		400	D	\$ 2.31	4,090,872	D (U)	
Common Shares	05/20/2009		S		900	D	\$ 2.32	4,089,972	D (U)	
Common Shares	05/20/2009		S		2,100	D	\$ 2.33	4,087,872	D (U)	
Common Shares	05/20/2009		S		2,948	D	\$ 2.39	4,084,924	D (U)	
Common Shares	05/21/2009		S		2,600	D	\$ 2.68	4,082,324	D (U)	
Common Shares	05/21/2009		S		4,200	D	\$ 2.69	4,078,124	D (U)	
Common Shares	05/21/2009		S		8,100	D	\$ 2.7	4,070,024	D (U)	
Common Shares	05/21/2009		S		7,520	D	\$ 2.71	4,062,504	D (U)	
Common Shares	05/21/2009		S		1,980	D	\$ 2.72	4,060,524	D (U)	
Common Shares	05/21/2009		S		2,180	D	\$ 2.73	4,058,344	D (U)	
Common Shares	05/21/2009		S		8,400	D	\$ 2.74	4,049,944	D (U)	
Common Shares	05/21/2009		S		8,520	D	\$ 2.75	4,041,424	D (U)	
Common Shares	05/21/2009		S		3,100	D	\$ 2.76	4,038,324	D (U)	
Common Shares	05/21/2009		S		2,300	D	\$ 2.77	4,036,024	D (U)	
Common Shares	05/21/2009		S		600	D	\$ 2.78	4,035,424	D (U)	

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

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**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)				6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
V-Sciences Investments Pte Ltd 60B ORCHARD ROAD #06-18, TOWER 2 THE ATRIUM@ORCHARD SINGAPORE, U0 238891		X		
Temasek Life Sciences Private LTD 60B ORCHARD ROAD #06-18, TOWER 2 THE ATRIUM@ORCHARD SINGAPORE, U0 238891		X		
Fullerton Management Pte Ltd 60B ORCHARD ROAD #06-18, TOWER 2 THE ATRIUM@ORCHARD SINGAPORE, U0 238891		X		
TEMASEK HOLDINGS (PRIVATE) LTD 60B ORCHARD ROAD #06-18, TOWER 2 THE ATRIUM@ORCHARD SINGAPORE, U0 238891		X		

## Signatures

/s/ Choo Soo Shen Christina, Director, V-Sciences Investments Pte Ltd		05/22/2009
--Signature of Reporting Person		Date
/s/ Cheo Hock Kuan, Director, Temasek Life Sciences Private Limited		05/22/2009
--Signature of Reporting Person		Date
/s/ Lena Chia Yue Joo, Director, Fullerton Management Pte Ltd		05/22/2009
--Signature of Reporting Person		Date
/s/ Lena Chia Yue Joo, Managing Director, Legal & Regulations, Temasek Holdings (Private) Limited		05/22/2009
--Signature of Reporting Person		Date

## 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).

Temasek Holdings (Private) Limited, is the parent of Fullerton Management Pte Ltd, which is the parent of Temasek Life Sciences Private Limited, which is the parent of V-Sciences Investments Pte Ltd (the designated filer), which directly owns the shares of common stock, \$0.01 par value per share, which are the subject of this filing (the "Shares"). Because of the foregoing relationships, the direct and indirect parents of V-Sciences Investments Pte Ltd may be deemed to beneficially own the Shares.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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