

## INITIAL STATEMENT OF 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  (Last) (First) (Middle) 60B ORCHARD ROAD, #06-18 TOWER 2, THE ATRIUM@ORCHARD  (Street)  SINGAPORE 238891  (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 10/19/2006	3. Issuer Name and Ticker or Trading Symbol VICAL INC [VICL]	
		4. Relationship of Reporting Person(s) to Issuer  (Check all applicable) <input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)	5. If Amendment, Date Original Filed(Month/Day/Year)
6. Individual or Joint/Group Filing (Check Applicable Line) <input type="checkbox"/> Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person			

### Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)  Common Shares	2. Amount of Securities Beneficially Owned (Instr. 4)  4,980,079	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)  D (1)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
--	--	---	---

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

SEC 1473 (7-02)

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

### Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

## 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 238891		X		
Temasek Life Sciences Private LTD 60B ORCHARD ROAD, #06-18 TOWER 2 THE ATRIUM@ORCHARD SINGAPORE 238891		X		
Fullerton Management Pte Ltd 60B ORCHARD ROAD, #06-18 TOWER 2 THE ATRIUM@ORCHARD SINGAPORE 238891		X		
TEMASEK HOLDINGS (PRIVATE) LTD 60B ORCHARD ROAD, #06-18 TOWER 2 THE ATRIUM@ORCHARD SINGAPORE 238891		X		

## Signatures

V-Sciences Investments Pte Ltd, /s/ Yi Ming Syn, Director	10/29/2006
Signature of Reporting Person	Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 5(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 (1) 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.

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.