Leicher Bruce Form 3 December 19, 2006

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

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

SECURITIES

(Print or Type Responses)

1. Name and Address of Reporting Person * Leicher Bruce

(Last) (First) (Middle) Statement

(Month/Day/Year)

12/18/2006

2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Altus Pharmaceuticals Inc. [ALTU]

4. Relationship of Reporting

Person(s) to Issuer Filed(Month/Day/Year)

C/O ALTUS (Check all applicable) **PHARMACEUTICALS**

INC., 125 SIDNEY STREET

(Street)

10% Owner Director _X__ Officer Other

(give title below) (specify below) Sr VP Gen Counsel & Secretary 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting

5. If Amendment, Date Original

Person

Form filed by More than One Reporting Person

CAMBRIDGE. MAÂ 02139

(City) (State) (Zip)

1. Title of Security (Instr. 4)

2. Amount of Securities Beneficially Owned

(Instr. 4)

3. Ownership

Table I - Non-Derivative Securities Beneficially Owned

4. Nature of Indirect Beneficial Ownership

Form: (Instr. 5) Direct (D) or Indirect

(I) (Instr. 5)

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

Date

Exercisable

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**

4 Conversion or Exercise Price of

5. Ownership Form of Derivative

6. Nature of Indirect Beneficial Ownership (Instr. 5)

(Instr. 4) **Expiration Title**

Date

Amount or Number of

Derivative Security: Security Direct (D)

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Shares or Indirect

(I) (Instr. 5)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Leicher Bruce C/O ALTUS PHARMACEUTICALS INC. 125 SIDNEY STREET CAMBRIDGE Â MA Â 02139	Â	Â	Sr VP Gen Counsel & Secretary	Â

Signatures

/s/ Bruce Leicher 12/19/2006

**Signature of Date
Reporting Person

Explanation of Responses:

No securities are beneficially owned

- * 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).

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.

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