

INTERLEUKIN GENETICS INC  
 Form 4  
 January 29, 2008

**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, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**BENDER LEWIS H**

2. Issuer Name and Ticker or Trading Symbol  
**INTERLEUKIN GENETICS INC  
 [AMEX:ILI]**

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
**135 BEAVER STREET**  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
**01/22/2008**

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
**Chief Executive Officer**

**WALTHAM, MA 02452**  
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 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 Ownership (Instr. 4) |     |       |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|-----|-------|
|                                 |                                      |  |                                | (A) or (D)  | Code  | V  | Amount                            | (D) | Price |

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

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 (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 | 2. Conversion or Exercise | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any | 4. Transaction Code | 5. Number of Derivative Securities | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount Underlying Security (Instr. 3 and 4) |
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|--|--|
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|--|--|

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| (Instr. 3)   | Price of<br>Derivative<br>Security | (Month/Day/Year) | (Instr. 8) | Acquired (A) or<br>Disposed of (D)<br>(Instr. 3, 4, and<br>5) | Code | V | (A)     | (D) | Date Exercisable          | Expiration<br>Date | Title           | Amount<br>Number<br>Shares |
|--|------------------------------------|------------------|------------|---|------|---|---------|-----|---------------------------|--------------------|-----------------|----------------------------|
| Stock<br>Option,<br>Right to<br>Buy <sup>(1)</sup> | \$ 1.06                            | 01/22/2008       |            | A   |      |   | 500,000 |     | 01/22/2008 <sup>(1)</sup> | 01/22/2018         | Common<br>Stock | 500,000                    |

## Reporting Owners

| Reporting Owner Name / Address                           | Relationships |           |                         |       |
|--|---------------|-----------|-------------------------|-------|
|  | Director      | 10% Owner | Officer                 | Other |
| BENDER LEWIS H<br>135 BEAVER STREET<br>WALTHAM, MA 02452 |               |           | Chief Executive Officer |       |

## Signatures

/s/ Lewis H.  
Bender

01/29/2008

<sup>\*\*</sup>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).
- (1) The option shall vest in equal annual installments on the option grant date and February 1 of each of the years 2009, 2011, 2012 and 2013.

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.