

PYXIS INNOVATIONS INC  
Form 4  
November 10, 2011

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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 \*  
PYXIS INNOVATIONS INC

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

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

(Last) (First) (Middle)  
7575 FULTON STREET EAST  
  
(Street)

3. Date of Earliest Transaction  
(Month/Day/Year)  
11/09/2011

\_\_\_\_ Director  
\_\_\_\_ Officer (give title below)  
\_\_X\_\_ 10% Owner  
\_\_\_\_ Other (specify below)

ADA, MI 49355-0001  
  
(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  
\_\_X\_\_ 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 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 of Underlying Securities (Instr. 3 and 4) |
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|

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| (Instr. 3)                  | Price of Derivative Security | (Month/Day/Year) | (Instr. 8) | Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | Code | V | (A)          | (D) | Date Exercisable | Expiration Date | Title        | Amount Number Shares |
|-----------------------------|------------------------------|------------------|------------|------------------------------------------------------|------|---|--------------|-----|------------------|-----------------|--------------|----------------------|
| Convertible Promissory Note | \$ 5.6783                    | 06/10/2008       |            |                                                      | P    |   | \$ 2,000,000 |     | (1)              | (1)             | Common Stock | 352,21 (1)           |

## Reporting Owners

| Reporting Owner Name / Address                                                | Relationships |           |         |       |
|-------------------------------------------------------------------------------|---------------|-----------|---------|-------|
|                                                                               | Director      | 10% Owner | Officer | Other |
| PYXIS INNOVATIONS INC<br>7575 FULTON STREET EAST<br>ADA, MI 49355-0001        |               | X         |         |       |
| Alticor Global Holdings Inc.<br>7575 FULTON STREET EAST<br>ADA, MI 49355-0001 |               | X         |         |       |
| SOLSTICE HOLDINGS INC<br>7575 FULTON STREET EAST<br>ADA, MI 49355-0001        |               | X         |         |       |
| ALTICOR INC<br>7575 FULTON STREET EAST<br>ADA, MI 49355-0001                  |               | X         |         |       |

## Signatures

|                                                                        |            |
|------------------------------------------------------------------------|------------|
| /s/ Kim S. Mitchell, Assistant Secretary                               | 11/10/2011 |
| **Signature of Reporting Person                                        | Date       |
| ALTICOR GLOBAL HOLDINGS INC., /s/ Kim S. Mitchell, Assistant Secretary | 11/10/2011 |
| **Signature of Reporting Person                                        | Date       |
| SOLSTICE HOLDINGS INC., /s/ Kim S. Mitchell, Assistant Secretary       | 11/10/2011 |
| **Signature of Reporting Person                                        | Date       |
| ALTICOR INC., /s/ Kim S. Mitchell, Assistant Secretary                 | 11/10/2011 |
| **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) On November 9, 2011, Pyxis was issued a convertible promissory note by the Issuer with an original principal amount of \$2,000,000. The maturity date of this convertible promissory note is June 30, 2012. The original principal amount of the convertible promissory note, plus accrued interest thereon, is convertible into the Issuer's common stock at any time at the option of Pyxis. The number of shares of common stock into which the balance of this convertible promissory note may be converted is to be determined by dividing the aggregate

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principal amount to be converted, together with all accrued interest to the date of conversion, by \$5.6783. As of November 9, 2011, the convertible promissory note would have been convertible into 352,219 shares of the Issuer's common stock.

- (2) This amount includes 5,000,000 shares of the Issuer's Series A preferred stock held by Pyxis, which are convertible into 28,160,200 shares of common stock. As of November 9, 2011, Pyxis holds six convertible promissory notes issued by the Issuer in the aggregate principal amount of \$13,000,000. Taking into account accrued interest to date, these notes are currently convertible into 2,294,765 shares of common stock of Pyxis.

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.