

PYXIS INNOVATIONS INC  
Form 4/A  
October 04, 2010

**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 \*  
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)  
06/10/2008

\_\_\_\_ 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)  
06/13/2008

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 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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SEC 1474  
(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 <u>(1)</u>	06/10/2008		\$ 4,000,000	P				<u>(1)</u>	<u>(1)</u>	Common Stock	704,43 <u>(1)</u>
Convertible Promissory Note	\$ 5.6783 <u>(2)</u>	05/29/2009		\$ 1,000,000	P				<u>(2)</u>	<u>(2)</u>	Common Stock	176,11 <u>(2)</u>
Convertible Promissory Note	\$ 5.6783 <u>(3)</u>	11/09/2009		\$ 2,000,000	P				<u>(3)</u>	<u>(3)</u>	Common Stock	352,21 <u>(3)</u>
Convertible Promissory Note	\$ 5.6783 <u>(4)</u>	02/01/2010		\$ 2,000,000	P				<u>(4)</u>	<u>(4)</u>	Common Stock	352,21 <u>(4)</u>
Convertible Promissory Note	\$ 5.6783 <u>(5)</u>	09/30/2010		\$ 2,000,000	P				<u>(5)</u>	<u>(5)</u>	Common Stock	352,21 <u>(5)</u>

## Reporting Owners

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

## Signatures

/s/ Kim S. Mitchell, Assistant Secretary	10/04/2010
**Signature of Reporting Person	Date
ALTICOR GLOBAL HOLDINGS INC., /s/ Kim S. Mitchell, Assistant Secretary	10/04/2010

__Signature of Reporting Person	Date
SOLSTICE HOLDINGS INC., /s/ Kim S. Mitchell, Assistant Secretary	10/04/2010
__Signature of Reporting Person	Date
ALTICOR INC., /s/ Kim S. Mitchell, Assistant Secretary	10/04/2010
__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 June 10, 2008, Pyxis was issued a convertible promissory note by the Issuer with an original principal amount of \$4,000,000. On September 30, 2010, this convertible promissory note was amended and restated to extend the maturity date on which the principal amount of the convertible promissory note will be payable to 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 maximum number of shares of common stock into which the balance of this convertible promissory note may be converted is determined by dividing the aggregate principal amount to be converted, together with all accrued interest to the date of conversion, by \$5.6783. As of June 10, 2008, the convertible promissory note would have been convertible into 704,437 shares of the Issuer's common stock.

(2) On May 29, 2009, Pyxis was issued a convertible promissory note by the Issuer with an original principal amount of \$1,000,000. On September 30, 2010, this convertible promissory note was amended and restated to extend the maturity date on which the principal amount of the convertible promissory note will be payable to 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 maximum number of shares of common stock into which the balance of this convertible promissory note may be converted is determined by dividing the aggregate principal amount to be converted, together with all accrued interest to the date of conversion, by \$5.6783. As of May 29, 2009, the convertible promissory note would have been convertible into 176,110 shares of the Issuer's common stock.

(3) On November 9, 2009, Pyxis was issued a convertible promissory note by the Issuer with an original principal amount of \$2,000,000. On September 30, 2010, this convertible promissory note was amended and restated to extend the maturity date on which the principal amount of the convertible promissory note will be payable to 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 maximum number of shares of common stock into which the balance of this convertible promissory note may be converted is determined by dividing the aggregate principal amount to be converted, together with all accrued interest to the date of conversion, by \$5.6783. As of November 9, 2009, the convertible promissory note would have been convertible into 352,219 shares of the Issuer's common stock.

(4) On February 1, 2010, Pyxis was issued a convertible promissory note by the Issuer with an original principal amount of \$2,000,000. On September 30, 2010, this convertible promissory note was amended and restated to extend the maturity date on which the principal amount of the convertible promissory note will be payable to 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 maximum number of shares of common stock into which the balance of this convertible promissory note may be converted is determined by dividing the aggregate principal amount to be converted, together with all accrued interest to the date of conversion, by \$5.6783. As of February 1, 2010, the convertible promissory note would have been convertible into 352,219 shares of the Issuer's common stock.

(5) On September 30, 2010, 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 maximum number of shares of common stock into which the balance of this convertible promissory note may be converted is determined by dividing the aggregate principal amount to be converted, together with all accrued interest to the date of conversion, by \$5.6783. As of September 30, 2010, the convertible promissory note would have been convertible into 352,219 shares of the Issuer's common stock.

(6) 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 September 30, 2010, Pyxis holds five convertible promissory notes issued by the Issuer in the aggregate principal amount of \$11,000,000. Taking into account accrued interest as of September 30, 2010, these notes are currently convertible into a maximum of 1,946,044 shares of common stock of Pyxis. As of September 30, 2010, Pyxis is the holder of preferred stock and notes (including accrued interest) convertible into an aggregate of 30,106,244 shares of common stock.

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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