

PYXIS INNOVATIONS INC  
Form SC 13D/A  
September 24, 2004

**SECURITIES AND EXCHANGE COMMISSION**  
**WASHINGTON, D.C. 20549**

**SCHEDULE 13D**

(Rule 13d-101)

**INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULE 13d-1(a) AND  
AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(a)**  
(Amendment No. 2)

INTERLEUKIN GENETICS, INC.

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(Name of Issuer)

Common Stock \$.001 Par Value

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(Title of Class of Securities)

458738101

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(CUSIP Number)

Warner Norcross & Judd LLP  
900 Fifth Third Center  
111 Lyon Street, N.W.  
Grand Rapids, Michigan 49503-2487  
Attention: Michael P. Lunt  
Telephone (616) 752-2000

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(Name, Address and Telephone Number of Person Authorized to  
Receive Notices and Communications)

March 16, 2004

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(Date of Event Which Requires Filing of this Statement)

&nbsp; If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(e), 13d-1(f) or 13d-1(g), check the following box. o

(Continued on the following pages)

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&nbsp; The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act.

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1 NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

Pyxis Innovations Inc.

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2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a)

(b)

---

3 SEC USE ONLY

---

4 SOURCE OF FUNDS

AF

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5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)

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6 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

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NUMBER OF 7 SOLE VOTING POWER

SHARES

&nbsp; 32,270,129

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BENEFICIALLY 8 SHARED VOTING POWER

OWNED BY

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EACH			&nbsp;	0
REPORTING	9	SOLE DISPOSITIVE POWER		
PERSON WITH			&nbsp;	32,270,129
	10	SHARED DISPOSITIVE POWER		
			&nbsp;	0
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
			&nbsp;	32,270,129
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES			
				0
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)			
			&nbsp;	57.8%
14	TYPE OF REPORTING PERSON			
				CO

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1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)			
	Alticor Inc.			
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP			
			(a)	X
			(b)	O
3	SEC USE ONLY			

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4 SOURCE OF FUNDS

OO

5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Michigan

NUMBER OF	7	SOLE VOTING POWER	
SHARES			&nbsp; 32,270,129
BENEFICIALLY	8	SHARED VOTING POWER	
OWNED BY			&nbsp; 0
EACH	9	SOLE DISPOSITIVE POWER	
REPORTING			&nbsp; 32,270,129
PERSON WITH	10	SHARED DISPOSITIVE POWER	
			&nbsp; 0

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

&nbsp; 32,270,129

12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES

0

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

&nbsp; 57.8%

14 TYPE OF REPORTING PERSON

HC



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12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES 0

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13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) &nbsp; 57.8%

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14 TYPE OF REPORTING PERSON HC

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1 NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)  
  
Alticor Global Holdings Inc.

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2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) X  
(b) 0

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3 SEC USE ONLY

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4 SOURCE OF FUNDS OO

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5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e) 0

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6 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware

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NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER	&nbsp; 32,270,129
	8	SHARED VOTING POWER	&nbsp; 0
	9	SOLE DISPOSITIVE POWER	&nbsp; 32,270,129
	10	SHARED DISPOSITIVE POWER	&nbsp; 0

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
&nbsp; 32,270,129

12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES  
0

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)  
&nbsp; 57.8%

14 TYPE OF REPORTING PERSON  
HC

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&nbsp; This Amendment No. 2 amends Amendment No. 1 on Schedule 13D of Pyxis Innovations Inc. ("Pyxis"), Alticor Inc. and Alticor Holdings Inc. dated June 30, 2003 and filed July 22, 2003 ("Amendment No. 1"), which amended their initial Statement on Schedule 13D dated March 5, 2003 and filed March 14, 2003 ("Initial Schedule 13D"), relating to the Issuer's securities.

**Item 1. Security and Issuer**

Name of Issuer:

Interleukin Genetics, Inc.

Title of Class of Equity Securities:

Common Stock \$.001 Par Value

Address of Issuer's Principal Executive Office:

135 Beaver Street  
Waltham, MA 02452

**Item 2. Identity and Background**

Pyxis, a Delaware corporation, is engaged in the principal business, through its investments and affiliates, of the creation of new products, services and businesses to meet changing customer needs and grow the Alticor Inc. enterprise. Pyxis focuses on the categories of nutrition, wellness and beauty, combined with the marketing power of e-commerce. Pyxis has its principal business and office at 7575 Fulton Street East, Ada, Michigan 49355-0001. It was formed in 2000. Pyxis has not been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors). Pyxis has not been a party to a civil proceeding of a judicial or administrative body of competent jurisdiction that resulted in Pyxis being subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.

Pyxis is a wholly-owned subsidiary of Alticor Inc. Alticor Inc., a Michigan corporation, is engaged in the principal business, through its affiliates, of offering products, business opportunities, and manufacturing and logistics services in more than 80 countries and territories worldwide. Alticor Inc. has its principal business and office at 7575 Fulton Street East, Ada, Michigan 49355-0001. During the last five years, Alticor Inc. has not been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors). During the last five years, Alticor Inc. has not been a party to a civil proceeding of a judicial or administrative body of competent jurisdiction that resulted in Alticor Inc. being subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.

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Alticor Inc. is a wholly-owned subsidiary of Alticor Holdings Inc. Alticor Holdings Inc., a Michigan corporation, is a holding company and has its principal business and office at 7575 Fulton Street East, Ada, Michigan 49355-0001. It was formed in 2002. Alticor Holdings Inc. has not been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors). Alticor Holdings Inc. has not been a party to a civil proceeding of a judicial or administrative body of competent jurisdiction that resulted in Alticor Holdings Inc. being subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.

Alticor Holdings Inc. became a wholly-owned subsidiary of Alticor Global Holdings Inc. on July 28, 2004. Alticor Global Holdings Inc., a Delaware corporation, is a holding company and has its principal business and office at 7575 Fulton Street East, Ada, Michigan 49355-0001. It was formed in 2004. Alticor Global Holdings Inc. has not been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors). Alticor Global Holdings Inc. has not been a party to a civil proceeding of a judicial or administrative body of competent jurisdiction



that resulted in Alticor Global Holdings Inc. being subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws. Alticor Global Holdings Inc. is owned by certain individuals in corporations, trusts, foundations and other entities established by or for the benefit of Richard M. DeVos and Jay Van Andel, the founders of Amway Corporation, and their families.

&nbsp; All directors and officers of Pyxis, Alticor Inc., Alticor Holdings Inc., and Alticor Global Holdings Inc. are referred to in this Schedule 13D as the "Directors and Officers." The address for each of the Directors and Officers is 7575 Fulton Street East, Ada, Michigan 49355-0001. During the last five years, none of the Directors and Officers has been (a) convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors) or (b) a party to a civil proceeding of a judicial or administrative body of competent jurisdiction that resulted in the person being subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws. Each of the Directors and Officers is a citizen of the United States of America.

&nbsp; *Pyxis Directors and Officers:* Stephen A. Van Andel, Douglas L. DeVos, William J. Viveen, Jr. and Michael A. Mohr are the members of the Board of Directors of Pyxis. Stephen A. Van Andel's present occupation is the Chairman of Pyxis, Alticor Inc., Alticor Holdings Inc. and Alticor Global Holdings Inc. Douglas L. DeVos' present occupation is the President of Pyxis, Alticor Inc., Alticor Holdings Inc. and Alticor Global Holdings Inc. William J. Viveen, Jr.'s title is Treasurer of Pyxis and he holds the positions of Vice President and Corporate Controller of Alticor Inc. (his employer). Michael A. Mohr's title is Secretary of Pyxis and he holds the positions of Vice President, Secretary and Chief Legal Officer of Alticor Inc. (his employer), Alticor Holdings Inc. and Alticor Global Holdings Inc.

&nbsp; *Alticor Inc. Directors and Officers:* Stephen A. Van Andel and Douglas L. DeVos are the members of the Board of Directors of Alticor Inc. Stephen A. Van Andel's present occupation is

Chairman of Alticor Inc., Alticor Holdings Inc., Alticor Global Holdings Inc. and Pyxis. Douglas L. DeVos' present occupation is President of Alticor Inc., Alticor Holdings Inc., Alticor Global Holdings Inc. and Pyxis. Stephen A. Van Andel, Douglas L. DeVos, Lynn J. Lyall, Michael A. Mohr, Robin Horder-Koop and Alvin W. Koop are executive officers of Alticor Inc. Lynn J. Lyall holds the positions of Executive Vice President, Treasurer and Chief Financial Officer of Alticor Inc. (his employer), Alticor Holdings Inc. and Alticor Global Holdings Inc. Michael A. Mohr's title is Secretary of Pyxis and he holds the positions of Vice President, Secretary and Chief Legal Officer of Alticor Inc. (his employer), Alticor Holdings Inc. and Alticor Global Holdings Inc. Robin Horder-Koop's titles are Vice President and Chief Human Resources Officer of Alticor Inc. (her employer), Alticor Holdings Inc. and Alticor Global Holdings Inc. Alvin W. Koop's titles are Executive Vice President and Chief Operating Officer - Access Business Unit with Alticor Inc., Alticor Holdings Inc. and Alticor Global Holdings Inc., and he holds the positions of Executive Vice President and Chief Operating Officer - Supply Chain with his employer, Access Business Group LLC, a manufacturing and distribution company and wholly-owned indirect subsidiary of Alticor Inc. located at 7575 Fulton Street East, Ada, Michigan 49355-0001.

&nbsp; *Alticor Holdings Inc. Directors and Officers.* Stephen A. Van Andel and Douglas L. DeVos are the members of the Board of Directors of Alticor Holdings Inc. Stephen A. Van Andel is the Chairman of Alticor Inc.,

Alticor Holdings Inc., Alticor Global Holdings Inc. and Pyxis. Douglas L. DeVos is President of Alticor Inc., Alticor Holdings Inc., Alticor Global Holdings Inc. and Pyxis. The executive officers of Alticor Holdings Inc. are the same as those listed for Alticor Inc. above.

&nbsp; *Alticor Global Holdings Inc. Directors and Officers:* Jay Van Andel, Richard M. DeVos, Stephen A. Van Andel, Douglas L. DeVos, Daniel G. DeVos, Suzanne C. DeVos-VanderWeide, David L. Van Andel, Barbara Van Andel-Gaby, Emmanuel A. Kampouris, James A. McClung and Judson C. Green are the members of the Board of Directors of Alticor Global Holdings Inc. Jay Van Andel's present occupation is Chairman Emeritus of Alticor Inc., Alticor Holdings Inc. and Alticor Global Holdings Inc. Richard M. DeVos' present occupation is President Emeritus of Alticor Inc., Alticor Holdings Inc. and Alticor Global Holdings Inc. Stephen A. Van Andel's present occupation is Chairman of Alticor Inc., Alticor Holdings Inc., Alticor Global Holdings Inc. and Pyxis. Douglas L. DeVos' present occupation is President of Alticor Inc., Alticor Holdings Inc., Alticor Global Holdings Inc. and Pyxis. Daniel G. DeVos' present occupation is President and CEO of D.P. Fox, a venture capital company located at 200 Ottawa NW, Suite 500, Grand Rapids, Michigan 49503. Suzanne C. DeVos-VanderWeide is a director of RDV Corporation and the Orlando Magic and is actively involved in community organizations in the Grand Rapids, Michigan and Orlando, Florida areas. David L. Van Andel's present occupation is Chairman and CEO of Idea Sphere Inc., a company involved in the ideation and development of health and organic products and services. Idea Sphere is located at 3133 Orchard Vista Drive, SE, Grand Rapids, Michigan 49546. Barbara Van Andel-Gaby's present occupation is Chief Executive Officer of Peter Island Resort, which manages a resort in the British Virgin Islands. Peter Island Resort is located at 6470 East Johns Crossing, Suite 490, Mailbox 4149, Duluth, Georgia 30097. Emmanuel A. Kampouris is presently retired. James A. McClung's present occupation is Vice Chairman of Charter Consulting, a management consulting firm focusing on financial services and insurance. Charter Consulting is located at One IBM Plaza, 330 W.

Wabash, Suite 3100, Chicago, Illinois 60611. Judson C. Green's present occupation is President and CEO of Navigation Technologies Corporation, a provider of precision digital map information and enabling technology. Navigation Technologies Corporation is located at 222 Merchandise Mart Plaza, Chicago, Illinois 60654. The executive officers of Alticor Global Holdings Inc. are the same as those listed for Alticor Inc. above.

**Item 3. Source and Amount of Funds or Other Consideration**

&nbsp; The initial purchase price for the Issuer's Series A Preferred Stock of \$7,000,000 increased to \$9,000,000 as described in Item 5 below, and the source for the additional \$2,000,000 was a capital contribution from Alticor Inc.

&nbsp; Except as stated above, none of Alticor Inc., Alticor Holdings Inc., Alticor Global Holdings Inc., or the Directors and Officers contributed funds or other consideration in connection with the purchase.

**Item 4. Purpose of Transaction**

&nbsp; (d) &nbsp; Pyxis, as the sole holder of the shares of Series A Preferred Stock, has the right to appoint four out of the five members of the Issuer's Board of Directors. On September 14, 2004, two of Pyxis' appointed directors, Bert Crandell and Beto Guajardo, resigned from the Board of Directors. Pyxis then exercised its right to appoint a new director and, on September 15, 2004, appointed William J. Viveen, Jr. to the Board of Directors to fill

the remaining portion of Bert Crandell's unexpired term.

None of Alticor Inc., Alticor Holdings Inc., Alticor Global Holdings Inc., or the Directors and Officers have independent plans or proposals of the type enumerated in this Item 4 that differ from those enumerated above for Pyxis.

**Item 5. Interest in Securities of the Issuer**

Under Section 2.2 of the Stock Purchase Agreement (which is Exhibit 99.1 to this Amendment No. 2 and is here incorporated by reference) (the "Stock Purchase Agreement"), Pyxis is obligated to make a \$2,000,000 capital contribution to the Issuer when the Issuer achieves the Milestone, as that term is defined in the Stock Purchase Agreement. The Issuer informed Pyxis on March 2, 2004, that it had achieved the Milestone. Pursuant to the Stock Purchase Agreement, Pyxis made the \$2,000,000 capital contribution. As a result of the achievement of the Milestone, the conversion price at which the Issuer's Series A Preferred Stock (held entirely by Pyxis) and convertible notes described in the Initial Schedule 13D and Amendment No. 1 (also held by Pyxis) ("Notes") are convertible into shares of the Issuer's common stock ("Common Stock") increased from \$.2486 and \$.4972, respectively, to \$.3196 and \$.6392, respectively. Because of this modification to the conversion price, the number of shares of Common Stock considered to be owned by Pyxis decreased at the time of the capital contribution.

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(a) Pyxis beneficially owns 32,270,129 shares of the Issuer's stock, which is 57.8% of the outstanding Common Stock. Alticor Inc., Alticor Holdings Inc., and Alticor Global Holdings Inc., may be deemed to beneficially own the same 32,270,129 shares of the Issuer's stock.

The number of shares reported in this Item 5(a) includes 28,160,200 shares of Common Stock issuable to Pyxis upon conversion of its 5,000,000 shares of Series A Preferred Stock and 4,109,929 shares of Common Stock issuable to Pyxis upon conversion of the Notes. In determining Pyxis' beneficial ownership percentage above, a division calculation is used wherein 32,270,129 is the numerator and 32,270,129 plus all shares of Common Stock outstanding is the denominator.

The calculations in this Item 5(a) are based on the Issuer having 23,512,904 shares of Common Stock outstanding as of August 16, 2004. In addition, these calculations assume no outstanding options or other rights to obtain Common Stock have been exercised by their holders except as otherwise indicated by the Issuer. All information stated in this paragraph was provided by the Issuer.

None of the other persons named in response to Item 2 of this Schedule 13D is the beneficial owner of the Common Stock except to the extent beneficial ownership of shares owned by Pyxis may be attributed to such person.

(b) Pyxis holds the sole power to vote and dispose of the securities of Issuer that it holds.

(c) None.

(d) Not applicable.

(e) Not applicable.

&nbsp; The responses to (a) of this Item 5 are "Not Applicable" for the Directors and Officers. The responses to (b) - (c) of this Item 5 are "Not Applicable" for Alticor Inc., Alticor Holdings Inc., Alticor Global Holdings Inc., and the Directors and Officers.

**Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer**

&nbsp; The contents of Item 6 of the Initial Schedule 13D are here incorporated by reference.

**Item 7. Material to Be Filed as Exhibits**

&nbsp; 99.1 &nbsp; Stock Purchase Agreement dated March 5, 2003 between Interleukin Genetics, Inc. and Pyxis Innovations Inc. (hereby incorporated by reference to Exhibit 10.1 to the Issuer's Form 8-K filed on March 5, 2003)

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&nbsp; 99.2 &nbsp; Registration Rights Agreement dated March 5, 2003 between Interleukin Genetics, Inc. and Pyxis Innovations Inc. (hereby incorporated by reference to Exhibit 10.8 to the Issuer's Form 8-K filed on March 5, 2003)

&nbsp; 99.3 &nbsp; Certificate of Designations, Preferences and Rights of the Series A Preferred Stock of Interleukin Genetics, Inc. filed with the Delaware Secretary of State (hereby incorporated by reference to Exhibit 3.1 to the Issuer's Form 8-K filed on March 5, 2003)

&nbsp; 99.4 &nbsp; Amendment No. 3 to Note Purchase Agreement dated March 5, 2003 between Interleukin Genetics, Inc. and Pyxis Innovations Inc. (hereby incorporated by reference to Exhibit 10.2 to the Issuer's Form 8-K filed on March 5, 2003)

&nbsp; 99.5 &nbsp; Amendment No. 2 to Security Agreement dated March 5, 2003 between Interleukin Genetics, Inc. and Pyxis Innovations Inc. (hereby incorporated by reference to Exhibit 10.3 to the Issuer's Form 8-K filed on March 5, 2003)

&nbsp; 99.6 &nbsp; Exclusive License Agreement dated March 5, 2003 between Interleukin Genetics, Inc. and Access Business Group International LLC (hereby incorporated by reference to Exhibit 10.7 to the Issuer's Form 8-K filed on March 5, 2003)

&nbsp; 99.7 &nbsp; Research Agreement dated March 5, 2003 between Interleukin Genetics, Inc. and Access Business Group LLC (hereby incorporated by reference to Exhibit 10.6 to the Issuer's Form 8-K filed on March 5, 2003)

&nbsp; 99.8 &nbsp; Letter of Guaranty dated March 5, 2003 from Alticor Inc. (hereby incorporated by reference to Exhibit 10.14 to the Issuer's Form 8-K filed on March 5, 2003)

&nbsp; 99.9 &nbsp; Joint Filing Agreement dated September 24, 2004 between Pyxis Innovations Inc., Alticor Inc., Alticor Holdings Inc., and Alticor Global Holdings Inc.

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**SIGNATURES**

&nbsp; After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: September 24, 2004

PYXIS INNOVATIONS INC.

By: /s/ Michael A. Mohr

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Michael A. Mohr, Secretary

Dated: September 24, 2004

ALTICOR INC.

By: /s/ Michael A. Mohr

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Michael A. Mohr, Vice President  
and Secretary

Dated: September 24, 2004

ALTICOR HOLDINGS INC.

By: /s/ Michael A. Mohr

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Michael A. Mohr, Vice President  
and Secretary

Dated: September 24, 2004

ALTICOR GLOBAL HOLDINGS INC.

By: /s/ Michael A. Mohr

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Michael A. Mohr, Vice President  
and Secretary

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