

INTERLEUKIN GENETICS INC
Form SC 13D/A
August 05, 2016

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

SCHEDULE 13D

Under the Securities Exchange Act of 1934
(Amendment No. 2)*

Interleukin Genetics, Inc.

(Name of Issuer)

Common Stock, \$.001 par value

(Title of Class of Securities)

458738101

(CUSIP Number)

Louis S. Citron, Esq.
New Enterprise Associates
1954 Greenspring Drive, Suite 600
Timonium, MD 21093
(410) 842-4000

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

July 29, 2016

(Date of Event which Requires Filing of this Statement)

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 §§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the

following box. o

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See §240.13d-7 for other parties to whom copies are to be sent.

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

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 (however, see the Notes).

NAMES OF REPORTING PERSONS

1

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

Growth Equity Opportunities Fund III, LLC

2

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a)

(b)

3

SEC USE ONLY

4

SOURCE OF FUNDS (SEE INSTRUCTIONS)

WC

5

CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E)

6

CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware Limited Liability Company

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

7

SOLE VOTING POWER

0 shares

8

SHARED VOTING POWER

106,980,342 shares

9

SOLE DISPOSITIVE POWER

0 shares

10

SHARED DISPOSITIVE POWER

106,980,342 shares

11 AGGREGATE AMOUNT
BENEFICIALLY OWNED BY EACH
REPORTING PERSON

106,980,342 shares

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

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

47.6%

14 TYPE OF REPORTING PERSON
(SEE INSTRUCTIONS)

OO

NAMES OF REPORTING PERSONS

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

New Enterprise Associates 14, L.P.

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

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE
INSTRUCTIONS)

AF

5 CHECK BOX IF DISCLOSURE OF
LEGAL PROCEEDINGS IS
REQUIRED PURSUANT TO ITEM
2(D) OR 2(E)

6 CITIZENSHIP OR PLACE OF
ORGANIZATION

Cayman Islands

SOLE VOTING POWER

7
0 shares

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON WITH

SHARED VOTING POWER

8
106,980,342 shares

SOLE DISPOSITIVE POWER

9
0 shares

SHARED DISPOSITIVE POWER

10
106,980,342 shares

11 AGGREGATE AMOUNT
BENEFICIALLY OWNED BY EACH
REPORTING PERSON

106,980,342 shares

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

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

47.6%

14 TYPE OF REPORTING PERSON
(SEE INSTRUCTIONS)

PN

NAMES OF REPORTING PERSONS

1

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

NEA Partners 14, L.P.

2

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

3

SEC USE ONLY

4

SOURCE OF FUNDS (SEE INSTRUCTIONS)

AF

5

CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E)

6

CITIZENSHIP OR PLACE OF ORGANIZATION

Cayman Islands

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

7

SOLE VOTING POWER

0 shares

8

SHARED VOTING POWER

106,980,342 shares

9

SOLE DISPOSITIVE POWER

0 shares

10

SHARED DISPOSITIVE POWER

106,980,342 shares

11 AGGREGATE AMOUNT
BENEFICIALLY OWNED BY EACH
REPORTING PERSON

106,980,342 shares

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CERTAIN SHARES (SEE
INSTRUCTIONS)

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

47.6%

14 TYPE OF REPORTING PERSON
(SEE INSTRUCTIONS)

PN

NAMES OF REPORTING PERSONS

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

NEA 14 GP, LTD

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

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE
INSTRUCTIONS)

AF

5 CHECK BOX IF DISCLOSURE OF
LEGAL PROCEEDINGS IS
REQUIRED PURSUANT TO ITEM
2(D) OR 2(E)

6 CITIZENSHIP OR PLACE OF
ORGANIZATION

Cayman Islands

SOLE VOTING POWER

7
0 shares

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON WITH

SHARED VOTING POWER

8
106,980,342 shares

SOLE DISPOSITIVE POWER

9
0 shares

SHARED DISPOSITIVE POWER

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106,980,342 shares

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BENEFICIALLY OWNED BY EACH
REPORTING PERSON

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CERTAIN SHARES (SEE
INSTRUCTIONS)

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

47.6%

14 TYPE OF REPORTING PERSON
(SEE INSTRUCTIONS)

CO

NAMES OF REPORTING PERSONS

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

Michael James Barrett

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

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE
INSTRUCTIONS)

AF

5 CHECK BOX IF DISCLOSURE OF
LEGAL PROCEEDINGS IS
REQUIRED PURSUANT TO ITEM
2(D) OR 2(E)

6 CITIZENSHIP OR PLACE OF
ORGANIZATION

United States citizen

SOLE VOTING POWER

7
0 shares

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON WITH

8 SHARED VOTING POWER

106,980,342 shares

9 SOLE DISPOSITIVE POWER

0 shares

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13 PERCENT OF CLASS
REPRESENTED BY AMOUNT IN
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14 TYPE OF REPORTING PERSON
(SEE INSTRUCTIONS)

IN

NAMES OF REPORTING PERSONS

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

Peter J. Barris

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

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE
INSTRUCTIONS)

AF

5 CHECK BOX IF DISCLOSURE OF
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REQUIRED PURSUANT TO ITEM
2(D) OR 2(E)

6 CITIZENSHIP OR PLACE OF
ORGANIZATION

United States citizen

7 SOLE VOTING POWER
0 shares

NUMBER OF
SHARES
BENEFICIALLY
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106,980,342 shares

9 SOLE DISPOSITIVE POWER
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13 PERCENT OF CLASS
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(SEE INSTRUCTIONS)

IN

NAMES OF REPORTING PERSONS

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

Forest Basket

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

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE
INSTRUCTIONS)

AF

5 CHECK BOX IF DISCLOSURE OF
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2(D) OR 2(E)

6 CITIZENSHIP OR PLACE OF
ORGANIZATION

United States citizen

SOLE VOTING POWER

7
0 shares

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON WITH

SHARED VOTING POWER

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106,980,342 shares

SOLE DISPOSITIVE POWER

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0 shares

SHARED DISPOSITIVE POWER

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INSTRUCTIONS)

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REPRESENTED BY AMOUNT IN
ROW (11)

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14 TYPE OF REPORTING PERSON
(SEE INSTRUCTIONS)

IN

NAMES OF REPORTING PERSONS

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

Anthony A. Florence, Jr.

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

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE
INSTRUCTIONS)

AF

5 CHECK BOX IF DISCLOSURE OF
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REQUIRED PURSUANT TO ITEM
2(D) OR 2(E)

6 CITIZENSHIP OR PLACE OF
ORGANIZATION

United States citizen

SOLE VOTING POWER

7
0 shares

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON WITH

8 SHARED VOTING POWER

106,980,342 shares

9 SOLE DISPOSITIVE POWER

0 shares

10 SHARED DISPOSITIVE POWER

106,980,342 shares

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BENEFICIALLY OWNED BY EACH
REPORTING PERSON

106,980,342 shares

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CERTAIN SHARES (SEE
INSTRUCTIONS)

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

47.6%

14 TYPE OF REPORTING PERSON
(SEE INSTRUCTIONS)

IN

NAMES OF REPORTING PERSONS

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

Patrick J. Kerins

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

(b)

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE
INSTRUCTIONS)

AF

5 CHECK BOX IF DISCLOSURE OF
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REQUIRED PURSUANT TO ITEM
2(D) OR 2(E)

6 CITIZENSHIP OR PLACE OF
ORGANIZATION

United States citizen

SOLE VOTING POWER

7

0 shares

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON WITH

8 SHARED VOTING POWER

106,980,342 shares

9 SOLE DISPOSITIVE POWER

0 shares

10 SHARED DISPOSITIVE POWER

106,980,342 shares

11 AGGREGATE AMOUNT
BENEFICIALLY OWNED BY EACH
REPORTING PERSON

106,980,342 shares

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CERTAIN SHARES (SEE
INSTRUCTIONS)

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

47.6%

14 TYPE OF REPORTING PERSON
(SEE INSTRUCTIONS)

IN

NAMES OF REPORTING PERSONS

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

Krishna S. Kolluri

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

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE INSTRUCTIONS)

AF

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

United States citizen

7 SOLE VOTING POWER
0 shares

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

8 SHARED VOTING POWER
106,980,342 shares

9 SOLE DISPOSITIVE POWER
0 shares

10 SHARED DISPOSITIVE POWER
106,980,342 shares

11 AGGREGATE AMOUNT
BENEFICIALLY OWNED BY EACH
REPORTING PERSON

106,980,342 shares

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INSTRUCTIONS)

13 PERCENT OF CLASS
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47.6%

14 TYPE OF REPORTING PERSON
(SEE INSTRUCTIONS)

IN

NAMES OF REPORTING PERSONS

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

David M. Mott

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

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE
INSTRUCTIONS)

AF

5 CHECK BOX IF DISCLOSURE OF
LEGAL PROCEEDINGS IS
REQUIRED PURSUANT TO ITEM
2(D) OR 2(E)

6 CITIZENSHIP OR PLACE OF
ORGANIZATION

United States citizen

7 SOLE VOTING POWER
0 shares

8 NUMBER OF
SHARES
BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON WITH
SHARED VOTING POWER
106,980,342 shares

9 SOLE DISPOSITIVE POWER
0 shares

10 SHARED DISPOSITIVE POWER
106,980,342 shares

11 AGGREGATE AMOUNT
BENEFICIALLY OWNED BY EACH
REPORTING PERSON

106,980,342 shares

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

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

47.6%

14 TYPE OF REPORTING PERSON
(SEE INSTRUCTIONS)

IN

NAMES OF REPORTING PERSONS

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

Scott D. Sandell

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

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE
INSTRUCTIONS)

AF

5 CHECK BOX IF DISCLOSURE OF
LEGAL PROCEEDINGS IS
REQUIRED PURSUANT TO ITEM
2(D) OR 2(E)

6 CITIZENSHIP OR PLACE OF
ORGANIZATION

United States citizen

7 SOLE VOTING POWER
0 shares

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON WITH

8 SHARED VOTING POWER
106,980,342 shares

9 SOLE DISPOSITIVE POWER
0 shares

10 SHARED DISPOSITIVE POWER
106,980,342 shares

11 AGGREGATE AMOUNT
BENEFICIALLY OWNED BY EACH
REPORTING PERSON

106,980,342 shares

12 CHECK BOX IF THE AGGREGATE
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CERTAIN SHARES (SEE
INSTRUCTIONS)

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

47.6%

14 TYPE OF REPORTING PERSON
(SEE INSTRUCTIONS)

IN

NAMES OF REPORTING PERSONS

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

Peter W. Sonsini

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

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE
INSTRUCTIONS)

AF

5 CHECK BOX IF DISCLOSURE OF
LEGAL PROCEEDINGS IS
REQUIRED PURSUANT TO ITEM
2(D) OR 2(E)

6 CITIZENSHIP OR PLACE OF
ORGANIZATION

United States citizen

7 SOLE VOTING POWER
0 shares

8 NUMBER OF
SHARES
BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON WITH
SHARED VOTING POWER
106,980,342 shares

9 SOLE DISPOSITIVE POWER
0 shares

10 SHARED DISPOSITIVE POWER
106,980,342 shares

11 AGGREGATE AMOUNT
BENEFICIALLY OWNED BY EACH
REPORTING PERSON

106,980,342 shares

12 CHECK BOX IF THE AGGREGATE
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CERTAIN SHARES (SEE
INSTRUCTIONS)

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

47.6%

14 TYPE OF REPORTING PERSON
(SEE INSTRUCTIONS)

IN

NAMES OF REPORTING PERSONS

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

Ravi Viswanathan

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

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE INSTRUCTIONS)

AF

5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

United States citizen

7 SOLE VOTING POWER 0 shares

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

8 SHARED VOTING POWER 106,980,342 shares

9 SOLE DISPOSITIVE POWER 0 shares

10 SHARED DISPOSITIVE POWER 106,980,342 shares

11 AGGREGATE AMOUNT
BENEFICIALLY OWNED BY EACH
REPORTING PERSON

106,980,342 shares

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

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

47.6%

14 TYPE OF REPORTING PERSON
(SEE INSTRUCTIONS)

IN

CUSIP No. 458738101 13D Page 16 of 25 Pages

NAMES OF REPORTING PERSONS

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

Harry R. Weller

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

(b)

3 SEC USE ONLY

4 SOURCE OF FUNDS (SEE
INSTRUCTIONS)

AF

5 CHECK BOX IF DISCLOSURE OF
LEGAL PROCEEDINGS IS
REQUIRED PURSUANT TO ITEM
2(D) OR 2(E)

6 CITIZENSHIP OR PLACE OF
ORGANIZATION

United States citizen

SOLE VOTING POWER

7
0 shares

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON WITH

8 SHARED VOTING POWER

106,980,342 shares

9 SOLE DISPOSITIVE POWER

0 shares

10 SHARED DISPOSITIVE POWER

106,980,342 shares

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BENEFICIALLY OWNED BY EACH
REPORTING PERSON

106,980,342 shares

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INSTRUCTIONS)

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

47.6%

14 TYPE OF REPORTING PERSON
(SEE INSTRUCTIONS)

IN

Schedule 13D

Item 1. Security and Issuer.

This Amendment No. 2 ("Amendment No. 2") to Schedule 13D amends and restates the Schedule 13D originally filed on May 24, 2013 and Amendment No. 1 thereto filed on January 2, 2015, relating to the common stock, \$.001 par value (the "Common Stock") of Interleukin Genetics, Inc. (the "Issuer") having its principal executive office at 135 Beaver Street, Waltham, MA 02452.

Certain terms used but not defined in this Amendment No. 2 have the meanings assigned thereto in the Schedule 13D (and Amendment No. 1 thereto). Except as specifically provided herein, this Amendment No. 2 does not modify any of the information previously reported on the Schedule 13D (and Amendment No. 1 thereto).

Item 2. Identity and Background.

This statement is being filed by:

(a) Growth Equity Opportunities Fund III, LLC ("GEO");

(b) New Enterprise Associates 14, L.P. ("NEA 14"), which is the sole member of GEO, NEA Partners 14, L.P. ("NEA Partners 14"), which is the sole general partner of NEA 14; and NEA 14 GP, LTD ("NEA 14 LTD" and, together with NEA Partners 14, the "Control Entities"), which is the sole general partner of NEA Partners 14; and

(c) Michael James Barrett ("Barrett"), Peter J. Barris ("Barris"), Forest Baskett ("Baskett"), Anthony A Florence, Jr. ("Florence"), Patrick J. Kerins ("Kerins"), Krishna S. Kolluri ("Kolluri"), David M. Mott ("Mott"), Scott D. Sandell ("Sandell"), Peter W. Sonsini ("Sonsini"), Ravi Viswanathan ("Viswanathan") and Harry R. Weller ("Weller") (together, the "Directors") and Ryan D. Drant ("Drant"). The Directors are the directors of NEA 14 LTD.

The persons named in this Item 2 are referred to individually herein as a "Reporting Person" and collectively as the "Reporting Persons."

The address of the principal business office of GEO and each Control Entity is New Enterprise Associates, 1954 Greenspring Drive, Suite 600, Timonium, MD 21093. The address of the principal business office of each of Barrett, Barris, Florence, Kerins, Mott and Weller is New Enterprise Associates, 5425 Wisconsin Avenue, Suite 800, Chevy Chase, MD 20815. The address of the principal business office of Baskett, Kolluri, Sandell, Sonsini and Viswanathan is New Enterprise Associates, 2855 Sand Hill Road, Menlo Park, California 94025.

The principal business of GEO and NEA 14 is to invest in and assist growth-oriented businesses located principally in the United States. The principal business of NEA Partners 14 is to act as the sole general partner of NEA 14. The principal business of NEA 14 LTD is to act as the sole general partner of NEA Partners 14. The principal business of each of the Directors is to manage the Control Entities, GEO and a number of affiliated partnerships with similar businesses.

During the five years prior to the date hereof, none of the Reporting Persons has been convicted in a criminal proceeding or has been a party to a civil proceeding ending in 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.

GEO is a limited liability company organized under the laws of the State of Delaware. NEA 14 and NEA Partners 14 are exempt limited partnerships organized under the laws of the Cayman Islands. NEA 14 LTD is an exempted company organized under the laws of the Cayman Islands. Each of the Directors is a United States citizen.

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

On July 29, 2016 GEO entered into a Securities Purchase Agreement, a form of which is attached as Exhibit 10.1 to the Issuer's Form 8-K filed on August 1, 2016 (the "8-K") and incorporated by reference herein, among the Issuer, GEO and certain other purchasers (the "Purchase Agreement"), pursuant to which GEO acquired 20,120,724 shares (the "Common Shares") of Common Stock at a price of \$0.0994 per share, and a certain Common Stock Purchase Warrant, a form of which is attached as Exhibit 4.1 to the 8-K and incorporated by reference herein (the "Warrant" and, together with the Common Shares, the Securities"), to purchase, subject to certain limitations, up to an aggregate of 20,120,724 shares of Common Stock (the "Warrant Shares"), exercisable immediately, from the Issuer in a private placement transaction (the "Offering") for an aggregate purchase price to GEO of \$1,999,999.97. In addition, prior to the Offering, GEO acquired 35,298,087 shares of Common Stock and warrants to purchase, subject to certain limitations, 31,440,807 shares of Common Stock. GEO now holds a total of 55,418,811 shares of the Issuer's Common Stock (the "GEO Common Shares") and warrants to purchase 51,561,531 shares of the Issuer's Common Stock (the "GEO Warrant Shares" and, together with the GEO Common Shares, the "GEO Shares").

The working capital of GEO was the source of the funds for the purchase of the Securities. No part of the purchase price of the Securities was represented by funds or other consideration borrowed or otherwise obtained for the purpose of acquiring, holding, trading or voting the Securities or the Warrant Shares.

Item 4. Purpose of Transaction.

GEO acquired the Securities for investment purposes. Depending on market conditions, its continuing evaluation of the business and prospects of the Issuer and other factors, GEO and other Reporting Persons may dispose of or acquire additional shares of the Issuer. Except as set forth above, none of the Reporting Persons has any present plans which relate to or would result in:

- (a) The acquisition by any person of additional securities of the Issuer, or the disposition of securities of the Issuer;
- (b) An extraordinary corporate transaction, such as a merger, reorganization or liquidation, involving the Issuer or any of its subsidiaries;
- (c) A sale or transfer of a material amount of assets of the Issuer or any of its subsidiaries;
- (d) Any change in the present board of directors or management of the Issuer, including any plans or proposals to change the number or term of directors or to fill any existing vacancies on the board;
- (e) Any material change in the present capitalization or dividend policy of the Issuer;
- (f) Any other material change in the Issuer's business or corporate structure;
- (g) Changes in the Issuer's charter, bylaws or instruments corresponding thereto or other actions which may impede the acquisition of control of the Issuer by any person;
- (h) Causing a class of securities of the Issuer to be delisted from a national securities exchange or to cease to be authorized to be quoted in an inter-dealer quotation system of a registered national securities association;

(i) A class of equity securities of the Issuer becoming eligible for termination of registration pursuant to Section 12(g)(4) of the Securities Exchange Act of 1934; or

(j) Any action similar to any of those enumerated above.

Item 5. Interest in Securities of the Issuer.

GEO is the record owner of the GEO Shares. As the sole member of GEO, NEA 14 may be deemed to own beneficially the GEO Shares. As the general partner of NEA 14, NEA Partners 14 may be deemed to own beneficially the GEO Shares. As the sole general partner of NEA Partners 14, NEA 14 LTD may be deemed to own beneficially the GEO Shares. As members of NEA 14 LTD, each of the Directors may be deemed to own beneficially the GEO Shares.

Each Reporting Person disclaims beneficial ownership of the GEO Shares other than those shares which such person owns of record.

The percentage of outstanding Common Stock of the Issuer which may be deemed to be beneficially owned by each Reporting Person is set forth on Line 13 of such Reporting Person's cover sheet. Such percentage was calculated based on 224,590,651 shares deemed to be outstanding, which includes (a) 173,029,840 shares of Common Stock reported to be outstanding as set forth in the Purchase Agreement and (b) the GEO Warrant Shares.

(b) Regarding the number of shares as to which such person has:

(i) sole power to vote or to direct the vote: See line 7 of cover sheets

(ii) shared power to vote or to direct the vote: See line 8 of cover sheets

(iii) sole power to dispose or to direct the disposition: See line 9 of cover sheets.

(iv) shared power to dispose or to direct the disposition: See line 10 of cover sheets

(c) Except as set forth in Item 3 above, none of the Reporting Persons has effected any transaction in the Common Stock during the last 60 days.

(d) No other person is known to have the right to receive or the power to direct the receipt of dividends from, or any proceeds from the sale of, Shares beneficially owned by any of the Reporting Persons.

(e) Drant has ceased to beneficially own five percent (5%) or more of the Issuer's Common Stock as a result of ceasing to be a Director of NEA 14 LTD.

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

GEO is a party to a Registration Rights Agreement dated July 29, 2016, a form of which is attached as Exhibit 10.2 to the 8-K and incorporated by reference herein, in addition to the Purchase Agreement and the Warrant.

Item 7. Material to be Filed as Exhibits.

Exhibit 1 – Agreement regarding filing of joint Schedule 13D.

Exhibit 2 – Power of Attorney regarding filings under the Securities Exchange Act of 1934, as amended.

CUSIP No. 458738101 13D Page 20 of 25 Pages

SIGNATURE

After reasonable inquiry and to the best of its knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

EXECUTED this 5th day of August, 2016.

GROWTH EQUITY OPPORTUNITIES FUND III, LLC

By: NEW ENTERPRISE ASSOCIATES 14, L.P.
Sole Member

By: NEA PARTNERS 14, L.P.
General Partner

By: NEA 14 GP, LTD
General Partner

By: *
Peter J. Barris
Director

NEW ENTERPRISE ASSOCIATES 14, L.P.

By: NEA PARTNERS 14, L.P.
General Partner

By: NEA 14 GP, LTD
General Partner

By: *
Peter J. Barris
Director

NEA PARTNERS 14, L.P.

By: NEA 14 GP, LTD
General Partner

By: *
Peter J. Barris

Director

CUSIP No. 458738101 13D Page 21 of 25 Pages

NEA 14 GP, LTD

By: *

Peter J. Barris
Director

Michael James Barrett *

Peter J. Barris *

Forest Baskett *

Ryan D. Drant *

Anthony A. Florence, Jr. *

Patrick J. Kerins *

Krishna S. Kolluri *

David M. Mott *

Scott D. Sandell *

Peter W. Sonsini *

Ravi Viswanathan *

Harry R. Weller *

*/s/ Louis S. Citron
Louis S. Citron

As attorney-in-fact

This Amendment No. 2 to Schedule 13D was executed by Louis S. Citron on behalf of the individuals listed above pursuant to a Power of Attorney a copy of which is attached as Exhibit 2.

CUSIP No. 458738101 13D Page 22 of 25 Pages

EXHIBIT 1

AGREEMENT

Pursuant to Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, the undersigned hereby agree that only one statement containing the information required by Schedule 13D need be filed with respect to the ownership by each of the undersigned of shares of stock of Interleukin Genetics, Inc.

EXECUTED this 5th day of August, 2016.

GROWTH EQUITY OPPORTUNITIES FUND III, LLC

By: NEW ENTERPRISE ASSOCIATES 14, L.P.
Sole Member

By: NEA PARTNERS 14, L.P.
General Partner

By: NEA 14 GP, LTD
General Partner

By: *
Peter J. Barris
Director

NEW ENTERPRISE ASSOCIATES 14, L.P.

By: NEA PARTNERS 14, L.P.
General Partner

By: NEA 14 GP, LTD
General Partner

By: *
Peter J. Barris
Director

NEA PARTNERS 14, L.P.

By: NEA 14 GP, LTD
General Partner

By: *

Peter J. Barris

Director

CUSIP No. 458738101 13D Page 23 of 25 Pages

NEA 14 GP, LTD

By: *

Peter J. Barris

Director

Michael James Barrett *

Peter J. Barris *

Forest Baskett *

Ryan D. Drant *

Anthony A. Florence, Jr. *

Patrick J. Kerins *

Krishna S. Kolluri *

David M. Mott *

Scott D. Sandell *

Peter W. Sonsini *

Ravi Viswanathan *

Harry R. Weller *

*/s/ Louis S. Citron

Louis S. Citron
As attorney-in-fact

This Agreement relating to Schedule 13D was executed by Louis S. Citron on behalf of the individuals listed above pursuant to a Power of Attorney a copy of which is attached hereto as Exhibit 2.

CUSIP No. 458738101 13D Page 24 of 25 Pages

EXHIBIT 2

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that the undersigned hereby constitutes and appoints Louis S. Citron, Timothy Schaller, Sasha Keough and Stephanie Brecher, and each of them, with full power to act without the others, his or her true and lawful attorney-in-fact, with full power of substitution, to sign any and all instruments, certificates and documents that may be necessary, desirable or appropriate to be executed on behalf of himself as an individual or in his or her capacity as a direct or indirect general partner, director, officer or manager of any partnership, corporation or limited liability company, pursuant to section 13 or 16 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and any and all regulations promulgated thereunder, and to file the same, with all exhibits thereto, and any other documents in connection therewith, with the Securities and Exchange Commission, and with any other entity when and if such is mandated by the Exchange Act or by the Financial Industry Regulatory Authority, granting unto said attorney-in-fact full power and authority to do and perform each and every act and thing necessary, desirable or appropriate, fully to all intents and purposes as he or she might or could do in person, thereby ratifying and confirming all that said attorney-in-fact, or his or her substitutes, may lawfully do or cause to be done by virtue hereof.

IN WITNESS WHEREOF, this Power of Attorney has been signed as of the 1st day of August, 2013.

/s/ M. James Barrett
M. James Barrett

/s/ Peter J. Barris
Peter J. Barris

/s/ Forest Baskett
Forest Baskett

/s/ Rohini Chakravarthy
Rohini Chakravarthy

/s/ Patrick Chung
Patrick Chung

/s/ Ryan Drant
Ryan Drant

/s/ Anthony A. Florence
Anthony A. Florence

/s/ Robert Garland
Robert Garland

/s/ Paul Hsiao
Paul Hsiao

/s/ Patrick J. Kerins
Patrick J. Kerins

/s/ Suzanne King
Suzanne King

CUSIP No. 458738101 13D Page 25 of 25 Pages

/s/ Krishna S. Kolluri
Krishna S. Kolluri

/s/ C. Richard Kramlich
C. Richard Kramlich

/s/ Edward Mathers
Edward Mathers

/s/ David M. Mott
David M. Mott

/s/ John M. Nehra
John M. Nehra

/s/ Charles W. Newhall III
Charles W. Newhall III

/s/ Jason R. Nunn
Jason R. Nunn

/s/ Jon Sakoda
Jon Sakoda

/s/ Scott D. Sandell
Scott D. Sandell

/s/ Peter W. Sonsini
Peter W. Sonsini

/s/ A. Brooke Seawell
A. Brooke Seawell

/s/ Ravi Viswanathan
Ravi Viswanathan

/s/ Paul E. Walker
Paul E. Walker

/s/ Harry Weller
Harry Weller