INTERLEUKIN GENETICS INC Form SC 13D/A January 02, 2015

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

SCHEDULE 13D

Under the Securities Exchange Act of 1934 (Amendment No. 1)*

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)

December 23, 2014

(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).

CUSI	P No. 458738101	13D	Page 2 of 28 Pages
1	NAMES OF REPORTING I.R.S. IDENTIFICATION	LILD OF OF	VE PERSONS (ENTITIES ONLY).
2	Growth Equity Opportunitie CHECK THE APPROPRIA		C MEMBER OF A GROUP (SEE INSTRUCTIONS)

- 3 SEC USE ONLY
- 4 SOURCE OF FUNDS (SEE INSTRUCTIONS)

WC

5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) o

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware Limited Liability Company

	7	SOLE VOTING POWER
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING	8	0 shares SHARED VOTING POWER
	9	66,738,894 shares SOLE DISPOSITIVE POWER
PERSON WITH	10	0 shares SHARED DISPOSITIVE POWER

66,738,894 shares

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

66,738,894 shares

- 12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) o
- 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

43.3%

(a) o (b) o

14 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

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CUSI	P No. 458738101	13D	Page 3 of 28 Pages
1	NAMES OF REPORTING PE I.R.S. IDENTIFICATION NO	ERSONS. DS. OF ABOVE PERSONS (ENTITIE	S ONLY).
2	New Enterprise Associates 14 CHECK THE APPROPRIAT	, L.P. E BOX IF A MEMBER OF A GROUP	(SEE INSTRUCTIONS)

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(a) o (b) o

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PN

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2	NEA Partners 14, L.P. CHECK THE APPROPRIA	ATE BOX IF A MEM	BER OF A GROUP (SEE INSTRUCTIONS)	(a) o
				(b) o

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AF

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6 CITIZENSHIP OR PLACE OF ORGANIZATION

Cayman Islands

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

NEA 14 GP, LTD

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6 CITIZENSHIP OR PLACE OF ORGANIZATION

Cayman Islands		
	7	SOLE VOTING POWER
NUMBER OF		0 shares
SHARES BENEFICIALLY	8	SHARED VOTING POWER
OWNED BY EACH		66,738,894 shares
REPORTING	9	SOLE DISPOSITIVE POWER
PERSON WITH		0 shares
	10	SHARED DISPOSITIVE POWER

66,738,894 shares

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13D

Michael James Barrett

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United States citizen

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Peter J. Barris

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Forest Baskett

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Ryan D. Drant

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Anthony A. Florence, Jr.

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Patrick J. Kerins

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Krishna S. Kolluri

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David M. Mott

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Scott D. Sandell

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Peter W. Sonsini

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Ravi Viswanathan

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Harry R. Weller

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Schedule 13D

Item 1. Security and Issuer.

This Amendment No. 1 ("Amendment No. 1") to Schedule 13D amends and restates the Schedule 13D originally filed on May 24, 2013, 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. 1 have the meanings assigned thereto in the Schedule 13D. Except as specifically provided herein, this Amendment No. 1 does not modify any of the information previously reported on the Schedule 13D.

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"), Ryan D. Drant ("Drant"), 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"). 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, Drant, 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.

CUSIP No. 458738101

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

On December 23, 2014 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 December 23, 2014 (the "8-K") and incorporated by reference herein, among the Issuer, GEO and certain other purchasers (the "Purchase Agreement"), pursuant to which GEO acquired 19,868,965 shares (the "Common Shares") of Common Stock at a price of \$0.1003 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 19,868,965 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 \$1,992,857.17. In addition, prior to the Offering, GEO acquired 15,429,122 shares of Common Stock and warrants to purchase, subject to certain limitations, 11,571,842 shares of Common Stock. GEO now holds a total of 35,298,087 shares of the Issuer's Common Stock (the "GEO Common Shares") and warrants to purchase 31,440,807 shares of the Issuer's Common Stock (the "GEO Warrant Shares") and warrants to purchase, 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.