INTERLEUKIN GENETICS INC Form SC 13G October 15, 2013

#### U.S. SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G Under the Securities Exchange Act of 1934

(Amendment No. )

Interleukin Genetics, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

458738101

(CUSIP Number)

May 17, 2013

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

o Rule 13d-1(b)

x Rule 13d-1(c)

o Rule 13d-1(d)

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).

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#### CUSIP No. 458738101

```
Names of Reporting Persons
        I.R.S. Identification Nos. of Above Persons (Entities Only)
1
        Merlin BioMed Private Equity Advisors, LLC (IRS No. 13-4178606)
        Check The Appropriate Box If a Member of a Group (See Instructions)
2
        (A) o
        (B) o
        SEC Use Only
3
        Citizenship or Place of Organization
4
        Delaware limited liability company
                                              Sole Voting Power
                           5
                                              0
        Number of
          Shares
                                              Shared Voting Power
       Beneficially
                           6
        Owned by
                                              9,000,322
          Each
                                              Sole Dispositive Power
        Reporting
                           7
         Person
                                              0
          With:
                                              Shared Dispositive Power
                           8
                                              9,000,322
        Aggregate Amount Beneficially Owned by Each Reporting Person
9
        0
        Check If the Aggregate Amount in Row (9) Excludes Certain Shares (See
                                                                                        o
10
        Instructions)
        Percent of Class Represented by Amount in Row (9)
11
        7.4%
        Type of Reporting Person (See Instructions)
12
        00
```

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## CUSIP No. 458738101

1	Names of Reporting Persons I.R.S. Identification Nos. of Above Persons (Entities Only)						
	Dominique Sémon						
2	Check The Appropriate Box If a Member of a Group (See Instructions) (A) o (B) o						
3	SEC Use Only						
4	Citizenship or Place of Organization						
	Switzerland						
	Number of Shares	5	Sole Voting Power 0				
	Beneficially Owned by	6	Shared Voting Power 9,000,322				
	Each Reporting Person With:	7	Sole Dispositive Power  0  Shared Dispositive Power				
		8	9,000,322				
9	Aggregate Amount Beneficially Owned by Each Reporting Person						
	9,000,322						
10	Check If the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)						
11	Percent of Class Represented by Amount in Row (9)						
	7.4%						
12	Type of Reporting Person (See Instructions) IN						

## CUSIP No. 458738101

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Names of Reporting Persons
        I.R.S. Identification Nos. of Above Persons (Entities Only)
1
        Merlin Nexus IV, L.P.
        Check The Appropriate Box If a Member of a Group (See Instructions)
2
        (A) o
        (B) o
3
        SEC Use Only
        Citizenship or Place of Organization
4
        Delaware
                                              Sole Voting Power
                           5
        Number of
                                              0
         Shares
       Beneficially
                                              Shared Voting Power
        Owned by
                           6
                                              9,000,322
          Each
        Reporting
                                              Sole Dispositive Power
         Person
                           7
          With:
                                              0
                                              Shared Dispositive Power
                           8
                                              9,000,322
        Aggregate Amount Beneficially Owned by Each Reporting Person
9
        9,000,322
        Check If the Aggregate Amount in Row (9) Excludes Certain Shares (See
                                                                                       o
10
        Instructions)
        Percent of Class Represented by Amount in Row (9)
11
        7.4%
        Type of Reporting Person (See Instructions)
12
        PN
```

Item 1.	(a)	Name of Issuer:					
Interleukin Genetics Inc.							
(b)	P	Address of Issuer's Principal Executive Offices:					
135 BEAVER ST WATHAM, MA 02452							
Item 2.	(a)	Name of Person Filing:					
Merlin BioMed Private Equity Advisors, LLC Dominique Sémon Merlin Nexus IV, L.P.							
(b)	Address o	f Principal Business Office or, if none, Residence:					
424 West 33rd Street, Suite 520 New York, New York 10001							
	(c)	Citizenship:					
Merlin BioMed Private Equity Advisors, LLC is a Delaware Limited Liability Company.  Dominique Sémon is a citizen of Switzerland.  Merlin Nexus IV, L.P. is a Delaware Limited Partnership.							
(d)		Title of Class of Securities:					
Common Stock							
	(e)	CUSIP Number:					
458738101							
Item 3.If this statement is being	— filed pursuant to	Rule 13d-1(b) or (c), or 13d-2(b), check whether the person filing is:					
(b) (c) o (d) o Investmen (e) o (f) o An employ	o Insur t company regist An invest ee benefit plan o	roker or dealer registered under Section 15 of the Act Bank as defined in section 3(a)(6) of the Act ance company as defined in section 3(a)(19) of the Act ered under section 8 of the Investment Company Act of 1940 tment adviser in accordance with Rule 13d 1(b)(1)(ii)(E) or endowment fund in accordance with Rule 13d 1(b)(1)(ii)(F) only or control person in accordance with Rule 13d 1(b)(ii)(G)					

A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act

(i) o A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the

(g) (h)

Investment Company Act of 1940

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(j) o Group, in accordance with 13d 1(b)(1)(ii)(J)

## Item 4.Ownership:

	(a)	Amount Beneficially	Owned:	9,000,322*	
	(b)	Percent of Class:		7.4%	
(c) Number of Shares as to			which such person has:		
(ii) S (iii) S		(i)	Sole power to vote or direct the vote:	0	
		(ii)	Shared power to vote or direct the vote:	9,000,322*	
		(iii)	Sole power to dispose or direct the disposition of:	0	
		(iv)	Shared power to dispose or direct the disposition of:	9,000,3220*	
		*See Attachment A.			
	s state	~	Ownership of Five Percent or Less of a report the fact that as of the date hereof the percent of the class of securities check the	e reporting person has ceased to be the	
Item	6.	Owne	ership of More than Five Percent on Behalf o	f Another Person:	
sale o	f, the	_	ght to receive or the power to direct the receivership is reported on this schedule. No other of the class.	· · · · · · · · · · · · · · · · · · ·	
Item 7.		entification and Classification of the Subsidiary which Acquired the Security Being Reported on By the rent Holding Company			
N/A					
Item	8.	1		of the Group	
N/A					
Item !	9.		Notice of Dissolution of Group		

# N/A

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Item 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

#### **SIGNATURE**

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.

Merlin BioMed Private Equity Advisors, LLC By: Dominique Sémon, as Managing Member

/s/Dominique Sémon Managing Member

Dominique Sémon

/s/Dominique Sémon Dominique Sémon

Merlin Nexus IV, L.P. By: Merlin Nexus IV, LLC, General Partner

/s/Dominique Sémon Dominique Sémon

Date: October 11, 2013

#### ATTACHMENT A

As of May 17, 2013, Merlin Nexus IV, L.P. ("MNIV, L.P.") was the beneficial owner of 9,000,322 shares of Common Stock of Interleukin Genetics, Inc. ("Common Stock"). Merlin BioMed Private Equity Advisors, LLC ("Merlin") is the investment manager for and has the power to direct the vote and disposition of the Common Stock held by MNIV, L.P. and for a total beneficial ownership of 7.4% of the outstanding shares of Common Stock. Dominique Sémon is the Managing Member of Merlin. Merlin and Dominique Sémon are shown as sharing voting power and dispositive power of the same 9,000,322 shares of Common Stock.

#### ATTACHMENT B

#### AGREEMENT OF JOINT FILING

In accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, the undersigned hereby agree to the joint filing with all other persons signatory below of a statement on Schedule 13G or any amendments thereto, with respect to the Common Stock of Interleukin Genetics Inc. and that this Agreement be included as an attachment to such filing.

This Agreement may be executed in any number of counterparts each of which shall be deemed to be an original and all of which together shall be deemed to constitute one and the same Agreement.

IN WITNESS WHEREOF, the undersigned hereby execute this Agreement on the 11th day of October, 2013.

Merlin BioMed Private Equity Advisors, LLC By: Dominique Sémon, as Managing Member

/s/Dominique Sémon Managing Member

Dominique Sémon

/s/Dominique Sémon Dominique Sémon

Merlin Nexus IV, L.P. By: Merlin Nexus IV, LLC, General Partner

/s/Dominique Sémon

Dominique Sémon

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