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

SCHEDULE 13G

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

Vigil Neuroscience, Inc.
(Name of Issuer)

Common Stock, par value \$0.0001 per share
(Title of Class of Securities)

92673K108
(CUSIP Number)

August 1, 2024
(Date of Event Which Requires Filing of this Statement)

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

- Rule 13d-1(b)
- Rule 13d-1(c)
- 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 the disclosures provided in a prior cover page.

The information required in 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).

1	NAMES OF REPORTING PERSONS Invus Public Equities, L.P.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Bermuda	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER 1,828,691
	6	SHARED VOTING POWER 0
	7	SOLE DISPOSITIVE POWER 1,828,691
	8	SHARED DISPOSITIVE POWER 0
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,828,691	
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 4.9%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) PN	

1	NAMES OF REPORTING PERSONS Invus Public Equities Advisors, LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER 1,828,691
	6	SHARED VOTING POWER 0
	7	SOLE DISPOSITIVE POWER 1,828,691
	8	SHARED DISPOSITIVE POWER 0
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,828,691	
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 4.9%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) OO	

1	NAMES OF REPORTING PERSONS Invus Global Management, LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER 1,828,691
	6	SHARED VOTING POWER 0
	7	SOLE DISPOSITIVE POWER 1,828,691
	8	SHARED DISPOSITIVE POWER 0
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,828,691	
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 4.9%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) OO	

1	NAMES OF REPORTING PERSONS	
	Siren, L.L.C.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION	
	Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER
		1,828,691
	6	SHARED VOTING POWER
		0
	7	SOLE DISPOSITIVE POWER
		1,828,691
	8	SHARED DISPOSITIVE POWER
		0
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	1,828,691	
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)	
	<input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)	
	4.9%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)	
	OO	

1	NAMES OF REPORTING PERSONS	
	Avicenna Life Sci Master Fund LP	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION	
	Cayman Islands	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER 162,347
	6	SHARED VOTING POWER 0
	7	SOLE DISPOSITIVE POWER 162,347
	8	SHARED DISPOSITIVE POWER 0
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 162,347	
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 0.4%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) PN	

1	NAMES OF REPORTING PERSONS Avicenna Life Sci Master GP LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER 162,347
	6	SHARED VOTING POWER 0
	7	SOLE DISPOSITIVE POWER 162,347
	8	SHARED DISPOSITIVE POWER 0
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 162,347	
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 0.4%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) OO	

1	NAMES OF REPORTING PERSONS	
	Ulys, L.L.C.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION	
	Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER 162,347
	6	SHARED VOTING POWER 0
	7	SOLE DISPOSITIVE POWER 162,347
	8	SHARED DISPOSITIVE POWER 0
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 162,347	
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 0.4%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) OO	

1	NAMES OF REPORTING PERSONS Raymond Debbane	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Panama	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER 1,991,038
	6	SHARED VOTING POWER 0
	7	SOLE DISPOSITIVE POWER 1,991,038
	8	SHARED DISPOSITIVE POWER 0
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,991,038	
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 5.3%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN	

Item 1(a). Name of Issuer:

Vigil Neuroscience, Inc. (the “Issuer”)

Item 1(b). Address of Issuer’s Principal Executive Offices:

100 Forge Road, Suite 700, Watertown, MA 02472

Item 2(a). Name of Person Filing:

Item 2(b). Address of Principal Business Office or, if none, Residence:

Item 2(c). Citizenship:

(i) Invus Public Equities, L.P. (“Invus Public Equities”)
750 Lexington Avenue, 30th Floor, New York, NY 10022
Citizenship: Bermuda limited partnership

(ii) Invus Public Equities Advisors, LLC (“Invus PE Advisors”)
750 Lexington Avenue, 30th Floor, New York, NY 10022
Citizenship: Delaware limited liability company

(iii) Invus Global Management, LLC (“Global Management”)
750 Lexington Avenue, 30th Floor, New York, NY 10022
Citizenship: Delaware limited liability company

(iv) Siren, L.L.C. (“Siren”)
c/o The Invus Group, LLC, 750 Lexington Avenue, 30th Floor, New York, NY 10022
Citizenship: Delaware limited liability company

(v) Avicenna Life Sci Master Fund LP (“Avicenna Fund”)
750 Lexington Avenue, 30th Floor, New York, NY 10022
Citizenship: Cayman Islands limited partnership

(vi) Avicenna Life Sci Master GP LLC (“Avicenna GP”)
750 Lexington Avenue, 30th Floor, New York, NY 10022
Citizenship: Delaware limited liability company

(vii) Ulys, L.L.C. (“Ulys”)
750 Lexington Avenue, 30th Floor, New York, NY 10022
Citizenship: Delaware limited liability company

(viii) Mr. Raymond Debbane
750 Lexington Avenue, 30th Floor, New York, NY 10022
Citizenship: Panama

The foregoing persons are hereinafter sometimes collectively referred to as the “Reporting Persons.”

Item 2(d). Title of Class of Securities:

Common Stock, par value \$0.0001 per share (the “Shares”)

Item 2(e). CUSIP Number:

92673K108

Item 3. If This Statement Is Filed Pursuant to Sections 240.13d-1(b) or 240.13d-2(b) or (c), Check Whether the Person Filing Is a(n):

This Item 3 is not applicable.

Item 4. Ownership.

(a) Amount beneficially owned:

As of the date hereof, Invus Public Equities directly holds 1,828,691 Shares and Avicenna Fund directly holds 162,347 Shares. Invus PE Advisors, as the general partner of Invus Public Equities, controls Invus Public Equities and, accordingly, may be deemed to beneficially own the Shares directly held by Invus Public Equities. Global Management, as the managing member of Invus PE Advisors, controls Invus PE Advisors and, accordingly, may be deemed to beneficially own the Shares that Invus PE Advisors may be deemed to beneficially own. Siren, as the managing member of Global Management, controls Global Management and, accordingly, may be deemed to beneficially own the Shares that Global Management may be deemed to beneficially own. Avicenna GP, as the general partner of Avicenna Fund, controls Avicenna Fund and, accordingly, may be deemed to beneficially own the Shares directly held by Avicenna Fund. Ulys, as the managing member of Avicenna GP, controls Avicenna GP and, accordingly, may be deemed to beneficially own the Shares that Avicenna GP may be deemed to beneficially own. Mr. Raymond Debbane, as the managing member of Siren and Ulys, controls Siren and Ulys and, accordingly, may be deemed to beneficially own the Shares that Siren and Ulys may be deemed to beneficially own.

(b) Percent of class:

As of the date hereof, each of the Reporting Persons may be deemed to be the beneficial owner of the percentage of Shares listed on such Reporting Person's cover page. Calculations of the percentage of Shares beneficially owned are based on 37,584,312 Shares outstanding as of April 30, 2024 based on information provided by the Issuer in its Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on May 7, 2024.

(c) Number of shares as to which the Reporting Person has:

(i) Sole power to vote or to direct the vote:

See each cover page hereof.

(ii) Shared power to vote or to direct the vote:

See each cover page hereof.

(iii) Sole power to dispose or to direct the disposition of:

See each cover page hereof.

(iv) Shared power to dispose or to direct the disposition of:

See each cover page hereof.

Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following .

Item 6. Ownership of More Than Five Percent on Behalf of Another Person.

This Item 6 is not applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

This Item 7 is not applicable.

Item 8. Identification and Classification of Members of the Group.

This Item 8 is not applicable.

Item 9. Notice of Dissolution of Group.

This Item 9 is not applicable.

Item 10. Certification.

Each of the Reporting Persons hereby makes the following certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above 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.

Dated: August 12, 2024

INVUS PUBLIC EQUITIES, L.P.

By: INVUS PUBLIC EQUITIES ADVISORS,
LLC, its general partner

By: /s/ Raymond Debbane
Name: Raymond Debbane
Title: President

INVUS PUBLIC EQUITIES ADVISORS, LLC

By: /s/ Raymond Debbane
Name: Raymond Debbane
Title: President

INVUS GLOBAL MANAGEMENT, LLC

By: /s/ Raymond Debbane
Name: Raymond Debbane
Title: President

SIREN, L.L.C.

By: /s/ Raymond Debbane
Name: Raymond Debbane
Title: President

AVICENNA LIFE SCI MASTER FUND LP

By: AVICENNA LIFE SCI MASTER GP LLC, its
general partner

By: /s/ Raymond Debbane
Name: Raymond Debbane
Title: Chief Executive Officer

AVICENNA LIFE SCI MASTER GP LLC

By: /s/ Raymond Debbane
Name: Raymond Debbane
Title: Chief Executive Officer

ULYS, L.L.C.

By: /s/ Raymond Debbane
Name: Raymond Debbane
Title: President

MR. RAYMOND DEBBANE

By: /s/ Raymond Debbane

EXHIBIT INDEX

**Exhibit
Number**

Title

1. Joint Filing Agreement

JOINT FILING AGREEMENT

The undersigned agree that the statement on Schedule 13G with respect to the securities of Vigil Neuroscience, Inc. is, and any amendments thereto signed by each or any of the undersigned shall be, filed on behalf of each of such person pursuant to and in accordance with the provisions of Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended.

Dated: August 12, 2024

INVUS PUBLIC EQUITIES, L.P.

By: INVUS PUBLIC EQUITIES ADVISORS,
LLC, its general partner

By: /s/ Raymond Debbane _____

Name: Raymond Debbane

Title: President

INVUS PUBLIC EQUITIES ADVISORS, LLC

By: /s/ Raymond Debbane _____

Name: Raymond Debbane

Title: President

INVUS GLOBAL MANAGEMENT, LLC

By: /s/ Raymond Debbane _____

Name: Raymond Debbane

Title: President

SIREN, L.L.C.

By: /s/ Raymond Debbane _____

Name: Raymond Debbane

Title: President

AVICENNA LIFE SCI MASTER FUND LP

By: AVICENNA LIFE SCI MASTER GP LLC, its
general partner

By: /s/ Raymond Debbane _____

Name: Raymond Debbane

Title: Chief Executive Officer

AVICENNA LIFE SCI MASTER GP LLC

By: /s/ Raymond Debbane _____

Name: Raymond Debbane

Title: Chief Executive Officer

ULYS, L.L.C.

By: /s/ Raymond Debbane

Name: Raymond Debbane

Title: President

MR. RAYMOND DEBBANE

By: /s/ Raymond Debbane