

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

1. Name and Address of Reporting Person* <u>ATAI Life Sciences N.V.</u> (Last) (First) (Middle) <u>WALLSTRABE 16</u> (Street) <u>BERLIN 2M 10179</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>IntelGenx Technologies Corp. [IGXT]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>09/30/2023</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	
Rule 10b5-1(c) Transaction Indication <input type="checkbox"/> Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Call Option (Right to Buy)	(1)	09/30/2023		J ⁽²⁾		7,401		09/30/2023	08/31/2026	Units	7,401 ⁽¹⁾	(2)	7,401	I	By ATAI Life Sciences AG ⁽³⁾
Convertible Notes	\$0.185	10/06/2023		J ⁽⁴⁾		8,500,000		10/06/2023	01/05/2025	Common Stock	56,435,098	(4)	8,500,000	I	By ATAI Life Sciences AG ⁽³⁾
Convertible Promissory Note	\$0.185	11/28/2023		P		750,000		11/28/2023	08/31/2026	Common Stock	4,054,054	(5)	2,970,000	I	By ATAI Life Sciences AG ⁽³⁾
Warrant (Right to Buy)	\$0.26	11/28/2023		P		4,053,750		11/28/2023	08/31/2026	Common Stock	4,053,750	(5)	16,052,850	I	By ATAI Life Sciences AG ⁽³⁾
Convertible Notes	\$0.185	03/08/2024		J ⁽⁶⁾		1,000,000		03/08/2024	02/01/2026	Common Stock	5,405,405	(6)	9,500,000	I	By ATAI Life Sciences AG ⁽³⁾
Warrant (Right to Buy)	\$0.17	03/08/2024		J ⁽⁶⁾		4,000,000		03/08/2024	03/08/2027	Common Stock	4,000,000	(6)	4,000,000	I	By ATAI Life Sciences AG ⁽³⁾

1. Name and Address of Reporting Person*
ATAI Life Sciences N.V.
 (Last) (First) (Middle)
WALLSTRABE 16
 (Street)
BERLIN 2M 10179
 (City) (State) (Zip)

1. Name and Address of Reporting Person*
ATAI Life Sciences AG
 (Last) (First) (Middle)
WALLSTRABE 16
 (Street)
BERLIN 2M 10179
 (City) (State) (Zip)

Explanation of Responses:

1. Each unit consists of (a) one \$1,000 principal amount convertible promissory note, convertible into shares of Common Stock at \$0.185, and (b) 5,405 common stock purchase warrants, at a price of \$0.26 per share, at any time prior to August 31, 2026.
2. On September 30, 2023, ATAI AG entered into an amendment to a subscription agreement with the Issuer to provide ATAI AG with the right to purchase up to 7,401 additional units.
3. Reflects securities held of record by ATAI AG, which is a wholly owned subsidiary of ATAI Life Sciences N.V., and as a result, ATAI Life Sciences N.V. may be deemed to share beneficial ownership over the securities reported herein.
4. On September 30, 2023, the Issuer, IntelGenX Corp. and ATAI Life Sciences AG ("ATAI AG") entered into the Second Amended and Restated Loan Agreement, which provided, among other things, for the ability for ATAI AG to convert the \$8,500,000 principal amount and accrued interest under the original term loan agreement into up to 56,435,098 shares of Common Stock at a price of \$0.185 per share, subject to stock exchange approval, which was obtained on October 6, 2023.
5. On November 28, 2023, ATAI AG purchased 750 units from the Issuer, with each unit consisting of (i) \$1,000 principal amount convertible promissory note and (ii) 5,405 warrants to purchase shares of Common Stock, for aggregate consideration of \$750,000.
6. On March 8, 2024, the Issuer, IntelGenX Corp. and ATAI AG entered into the Third Amended and Restated Loan Agreement (the "Third Amendment"), pursuant to which ATAI AG provided to IntelGenX Corp. an additional term loan in an amount equal to \$1,000,000, which is convertible to shares of Common Stock at a price of \$0.185 per share. Concurrently and in connection with the execution of the Third Amendment, the Issuer issued to ATAI AG 4,000,000 warrants to purchase shares of Common Stock at an exercise price of \$0.17 per share, for no additional consideration.

ATAI Life Sciences N.V., By: /s/
Florian Brand, Chief Executive Officer 03/12/2024

ATAI Life Sciences AG, By: /s/
Florian Brand, Chief Executive Officer 03/12/2024

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.