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

**FORM 8-K**

**Current Report  
Pursuant to Section 13 or 15(d) of the  
Securities Exchange Act of 1934**

**February 7, 2011**  
*Date of Report (Date of Earliest Event Reported)*

**IntelGenx Technologies Corp.**  
*(Exact Name of Registrant as Specified in its Charter)*

**Delaware**  
*(State or other jurisdiction of  
incorporation)*

**000-31187**  
*(Commission File  
Number)*

**870299034**  
*(IRS Employer Identification  
No.)*

6425 Abrams, Ville St- Laurent, Quebec, Canada H4S 1X9  
*(Address of principal executive offices) (Zip Code)*

Registrant's telephone number, including area code: (514) 331-7440

Check the appropriate box below if the Form 8K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17CFR230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17CFR 240.14a -12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d -2(b))
  - Pre-commencement communication pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e -4(c))
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**Item 7.01 Regulation FD Disclosure - News Release**

**IntelGenx Achieves Positive Bioequivalence Results for a Leading Branded Anti - Psychotic Using VersaFilm Oral Thin Film Technology**

Exhibit	Description
99.1	<a href="#">Press Release</a>

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

**INTELGENX TECHNOLOGIES CORP.**

Dated: February 7, 2011

By: /s/ Horst Zerbe  
Horst G. Zerbe  
President and Chief  
Executive Officer

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## **IntelGenx Achieves Positive Bioequivalence Results for a Leading Branded Anti-Psychotic Using VersaFilm Oral Thin Film Technology**

SAINT LAURENT, QUEBEC, February 7, 2011 - IntelGenx Corp. (TSX-V: IGX) (OTCBB: IGXT) ("IntelGenx") today announced the completion of a pilot study that indicates that IntelGenx has successfully developed a novel oral film, INT0022, that is bioequivalent to a leading branded anti-psychotic. INT0022 has been developed using IntelGenx' proprietary immediate release "VersaFilm" drug delivery technology. According to IMS Health, the global anti-psychotic market was worth \$22.5 billion in 2008.

IntelGenx' President and CEO Dr. Horst Zerbe commented, "We now have successfully demonstrated bioequivalence in humans with three different thin film products, giving IntelGenx what we believe is one of the deepest thin film pipelines in the pharmaceutical industry."

This was a randomized, two-period, two-way crossover study in healthy male subjects. The study was designed to determine whether INT0022 is bioequivalent to a leading anti-psychotic product as measured by industry standard pharmacokinetic measures, peak plasma concentration (Cmax) and area under the curve (AUC). The study results indicate that INT0022 falls within the range of bioequivalency for both Cmax and AUC and allow IntelGenx to advance the product to the pivotal bioequivalency study.

"Oral thin films could offer some unique advantages over conventional methods of medication, especially in patients with anti-psychotic behavioural symptoms where patient compliance is an issue," added Dr. Zerbe. "Furthermore, our thin films are engineered to reduce drug exposure in the gastrointestinal tract, which could be a substantial benefit in minimizing certain GI related side effects that are frequently associated with anti-psychotic medicines. We will be exploring this and other potential benefits in our upcoming pivotal study."

Following the successful completion of the INT0022 pilot study, the Company now plans to commence scale-up and manufacturing of the pivotal batches required to support a pivotal clinical study and a future regulatory 505(b)(2) filing.

### **About IntelGenx Corp.:**

IntelGenx Corp. is a drug delivery company focused on the development of oral controlled-release products as well as novel rapidly disintegrating delivery systems. IntelGenx uses its unique multiple layer delivery system to provide zero-order release of active drugs in the gastrointestinal tract. IntelGenx has also developed novel delivery technologies for the rapid delivery of pharmaceutically active substances in the oral cavity based on its experience with rapidly disintegrating films. IntelGenx' research and development pipeline includes products for the treatment of pain, hypertension, erectile dysfunction and depressive disorders. More information is available about the company at [www.intelgenx.com](http://www.intelgenx.com).

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**Forward Looking Statements:**

This document may contain forward-looking information about IntelGenx' operating results and business prospects that involve substantial risks and uncertainties. Statements that are not purely historical are forward-looking statements within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended, and Section 27A of the Securities Act of 1933, as amended. These statements include, but are not limited to, statements about IntelGenx' plans, objectives, expectations, strategies, intentions or other characterizations of future events or circumstances and are generally identified by the words "may," "expects," "anticipates," "intends," "plans," "believes," "seeks," "estimates," "could," "would," and similar expressions. All forward looking statements are expressly qualified in their entirety by this cautionary statement. Because these forward-looking statements are subject to a number of risks and uncertainties, IntelGenx' actual results could differ materially from those expressed or implied by these forward looking statements. Factors that could cause or contribute to such differences include, but are not limited to, those discussed under the heading "Risk Factors" in IntelGenx' annual report on Form 10-K for the fiscal year ended December 31, 2009, filed with the United States Securities and Exchange Commission and available at [www.sec.gov](http://www.sec.gov), and also filed with Canadian securities regulatory authorities and [www.sedar.com](http://www.sedar.com). IntelGenx assumes no obligation to update any such forward-looking statements.

*Each of the TSX Venture Exchange and OTC Bulletin Board has neither approved nor disapproved the contents of this press release.*

**Contacts:**

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