

ONCOLYTICS BIOTECH INC

Form 6-K

January 16, 2007

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**SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

Form 6-K

Report of Foreign Private Issuer

**Pursuant to Rule 13a-16 or 15d-16
of the Securities Exchange Act of 1934**

For the month of January 2007

Commission File Number 000-31062

Oncolytics Biotech Inc.

(Translation of registrant's name into English)

**Suite 210, 1167 Kensington Crescent NW
Calgary, Alberta, Canada T2N 1X7**

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F

Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Note: Regulation S-T Rule 101(b)(1) only permits the submission in paper of a Form 6-K if submitted solely to provide an attached annual report to security holders.

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Note: Regulation S-T Rule 101(b)(7) only permits the submission in paper of a Form 6-K if submitted to furnish a report or other document that the registrant foreign private issuer must furnish and make public under the laws of the jurisdiction in which the registrant is incorporated, domiciled or legally organized (the registrant's home country), or under the rules of the home country exchange on which the registrant's securities are traded, as long as the report or other document is not a press release, is not required to be and has not been distributed to the registrant's security holders, and, if discussing a material event, has already been the subject of a Form 6-K submission or other Commission filing on EDGAR.

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes

No

If Yes is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82 - _____

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Signatures

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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, thereunto duly authorized.

Oncolytics Biotech Inc.
(Registrant)

Date: January 16, 2007

By: /s/ Doug Ball

Doug Ball
Chief Financial Officer

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NW
Calgary, Alberta
Canada T2N 1X7

FOR IMMEDIATE RELEASE

Oncolytics Biotech Inc. Announces Issuance of 18th U.S. Patent

CALGARY, AB January 16, 2007 - Oncolytics Biotech Inc. (TSX: ONC, NASDAQ: ONCY) (OncoIytlcs) has been granted U.S. Patent 7,163,678 entitled Reovirus for the Treatment of Ral-Mediated Cellular Proliferative Disorders. The claims describe using recombinant reoviruses for the treatment of Ral-mediated neoplasms and non-cancer cellular proliferative diseases such as neurofibromatosis.

This patent expands our intellectual property portfolio to include additional molecular mechanisms that can lead to reovirus susceptibility in cancer cells, said Dr. Matt Coffey, Chief Scientific Officer of Oncolytics. This patent expands the coverage of reovirus beyond Ras-mediated cancers and other disorders.

About Oncolytics Biotech Inc.

Oncolytics is a Calgary-based biotechnology company focused on the development of oncolytic viruses as potential cancer therapeutics. Oncolytics' clinical program includes a variety of Phase I and Phase II human trials using REOLYSIN®, its proprietary formulation of the human reovirus, alone and in combination with radiation or chemotherapy. For further information about Oncolytics, please visit www.oncolyticsbiotech.com

This news release contains forward looking statements, within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended. Forward looking statements, including among others, the Company's belief as to the importance of the issuance of this patent, the safety and efficacy of the reovirus, the Company's expectations as to the potential applications of the patented technology and other statements relating to anticipated developments in the Company's business and technologies, involve known and unknown risks and uncertainties that could cause the Company's actual results to differ materially from those in the forward looking statements. Such risks and uncertainties include, among others, the efficacy of REOLYSIN® as a cancer treatment, the success and timely completion of clinical studies and trials, uncertainties related to the research and development of pharmaceuticals and uncertainties related to the regulatory process. Investors should consult the Company's quarterly and annual filings with the Canadian and U.S. securities commissions for additional information on risks and uncertainties relating to the forward looking statements. Investors are cautioned against placing undue reliance on forward looking statements. The Company does not undertake to update these forward looking statements.

FOR FURTHER INFORMATION PLEASE CONTACT:

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