

ONCOLYTICS BIOTECH INC

Form 6-K

September 12, 2007

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 September 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 - _____

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: September 12, 2007

By: /s/ Doug Ball

Doug Ball
Chief Financial Officer

210, 1167 Kensington Cr. N.W.
Calgary, Alberta
Canada T2N 1X7

FOR IMMEDIATE RELEASE

Reovirus Infection of Melanoma Cells Generates Anti-Tumour Immunity
*Oncolytics Biotech Inc. Collaborators to Present Research at
National Cancer Research Institute Conference*

CALGARY, AB September 12, 2007 Oncolytics Biotech Inc. (Oncolytics) (TSX:ONC, NASDAQ:ONCY) announced today that Dr. Robin Prestwich of CR-UK Clinical Centre, Leeds Institute of Molecular Medicine, University of Leeds, U.K. is scheduled to deliver a poster presentation on Tuesday, October 2, 2007 at the NCRI Cancer Conference entitled Reovirus Infection of Human Melanoma Cells Supports Priming of Anti-Tumour Cytotoxic T Cell Immunity. The conference runs from September 30 through October 3, 2007 in Birmingham, U.K. In this study, the investigators infected melanoma cell lines with reovirus. The reovirus-infected cell lines stimulated the maturation of dendritic cells, which in turn educated cancer-killing T cells to attack and kill the melanoma cells.

Despite widespread interest in the anti-tumour effects of oncolytic viruses, little attention has been focused upon their potential to generate anti-tumour immunity, said Professor Alan Melcher of St. James's University Hospital in Leeds, U.K. and a co-investigator of this preclinical study. This work has demonstrated for the first time the stimulatory effect of reovirus-infected melanoma cells on dendritic cells and their superiority over uninfected cells as an antigen source for bystander priming of anti-tumour immunity.

The research will be posted on the Oncolytics website at www.oncolyticsbiotech.com as soon as it is available.

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 press release contains forward-looking statements, within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements, including the implication of the materials presented at this conference with respect to REOLYSIN®, the Company's expectations related to the results of trials investigating delivery of REOLYSIN®, and the Company's belief as to the potential of REOLYSIN® as a cancer therapeutic, involve known and unknown risks and uncertainties, which 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 availability of funds and resources to pursue research and development projects, the efficacy of REOLYSIN® as a cancer treatment, the success and timely completion of clinical studies and trials, the Company's ability to successfully commercialize REOLYSIN®, 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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