

ONCOLYTICS BIOTECH INC  
Form 6-K  
May 11, 2012

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 May 2012

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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EXHIBIT  
NUMBER

DESCRIPTION

99.1                    May 10, 2012 - Oncolytics Biotech® Inc. First Quarter Press Release

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)

/s/ Doug Ball

Date: May 10, 2012

By:                    Doug Ball  
                          Chief Financial Officer