



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

DIVISION OF
CORPORATION FINANCE

January 20, 2011

Harry S. Palmin
President and Chief Executive Officer
Novelos Therapeutics, Inc.
One Gateway Center, Suite 504
Newton, Massachusetts 02458

Re: Novelos Therapeutics, Inc.
Form 10-K
Filed March 30, 2010
File No. 333-119366

Dear Mr. Palmin:

We have completed our review of your filings and do not have any further comments at this time.

Sincerely,

Jeffrey Riedler
Assistant Director