



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

DIVISION OF  
CORPORATION FINANCE

November 6, 2013

Via E-mail

Ian Mortimer  
Chief Financial Officer  
Tekmira Pharmaceuticals Corporation  
100-8900 Glenlyon Parkway  
Burnaby, BC  
Canada, V5J 5J8

**Re: Tekmira Pharmaceuticals Corporation  
Form 20-F for the Fiscal year Ended December 31, 2012  
Filed March 27, 2013  
File No. 001-34949**

Dear Mr. Mortimer:

We have completed our review of your filing. We remind you that our comments or changes to disclosure in response to our comments do not foreclose the Commission from taking any action with respect to the company or the filing and the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States. We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing include the information the Securities Exchange Act of 1934 and all applicable rules require.

Sincerely,

/s/ Jeffrey P. Riedler

Jeffrey P. Riedler  
Assistant Director