



DIVISION OF  
CORPORATION FINANCE

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

October 1, 2010

David R. Koos  
Chief Executive Officer  
Bio-Matrix Scientific Group, Inc.  
1010 University Avenue  
#40  
San Diego, CA 92103

**Re: Bio-Matrix Scientific Group, Inc.  
Form 10-K and Form 10-K/A for Fiscal Year Ended September 30, 2009  
Filed January 14, 2010 and September 22, 2010  
File No. 0-32201**

Dear Mr. Koos:

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

Sincerely,

Jim Allegretto  
Senior Assistant Chief Accountant