



DIVISION OF
CORPORATION FINANCE

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

December 14, 2012

Via Facsimile

David Koos
Chief Executive Officer
Bio-Matrix Scientific Group, Inc.
4700 Spring Street, St. 304
La Mesa, CA 91942

Re: Bio-Matrix Scientific Group, Inc.
Form 8-K
Filed December 10, 2012
File No. 0-32201

Dear Mr. Koos:

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 includes the information the Securities Exchange Act of 1934 and all applicable rules require.

Sincerely,

/s/ William H. Thompson

William H. Thompson
Accounting Branch Chief