



DIVISION OF
CORPORATION FINANCE

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

September 8, 2010

Mr. Alan D. Gold
Chief Executive Officer
BioMed Realty Trust, Inc.
17190 Bernardo Center Drive
San Diego, CA 92128

RE: **BioMed Realty Trust, Inc.**
Form 10-K for the Fiscal Year Ended ended December 31, 2009
Filed February 12, 2010
Proxy Statement on Schedule 14A
Filed April 13, 2010
File No. 1-32261

Dear Mr. Gold:

We have completed our review of your Form 10-K and related filings and do not, at this time, have any further comments.

Sincerely,

Linda van Doorn
Senior Assistant Chief Accountant