



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