



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

DIVISION OF  
CORPORATION FINANCE

June 25, 2019

Praveen P. Tipirneni, M.D.  
Chief Executive Officer  
Morphic Holding, Inc.  
35 Gatehouse Drive, A2  
Waltham, MA 02451

**Re: Morphic Holding, Inc.  
Registration Statement on Form S-1  
Exhibit Nos. 10.10, 10.11, 10.12, and 10.13  
Filed May 30, 2019  
File No. 333-231837**

Dear Dr. Tipirneni:

We have concluded our assessment of your redacted exhibits for compliance with applicable form requirements and will process your supplemental response and related materials in accordance with your request.

Sincerely,

Division of Corporation Finance