



DIVISION OF  
CORPORATION FINANCE

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

Mail Stop 3030

October 17, 2016

Lars Boesgaard  
Vice President and Chief Financial Officer  
Roka Bioscience, Inc.  
20 Independence Boulevard  
Warren, New Jersey 07059

**Re: Roka Bioscience, Inc.  
Registration Statement on Form S-3  
Filed October 7, 2016  
File No. 333-214033**

Dear Mr. Boersgaard:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Please contact Brian Soares at (202) 551-3580 with any questions.

Sincerely,

/s/ Brian Soares for

Amanda Ravitz  
Assistant Director  
Office of Electronics and Machinery

cc: Steven Skolnick  
Lowenstein Sandler LLP