



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

DIVISION OF  
CORPORATION FINANCE

September 16, 2024

Maria Zannes  
Chief Executive Officer  
bioAffinity Technologies, Inc.  
3300 Nacogdoches Road  
Suite 216  
San Antonio, Texas 78217

**Re: bioAffinity Technologies, Inc.  
Registration Statement on Form S-1  
Filed September 11, 2024  
File No. 333-282045**

Dear Maria Zannes:

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 Jane Park at 202-551-7439 with any questions.

Sincerely,

Division of Corporation Finance  
Office of Industrial Applications and  
Services

cc: Leslie Marlow, Esq.