



DIVISION OF
CORPORATION FINANCE

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

September 3, 2025

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

Re: bioAffinity Technologies, Inc.
Registration Statement on Form S-1
Filed August 29, 2025
File No. 333-289944

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 Robert Augustin at 202-551-8483 with any questions.

Sincerely,

Division of Corporation Finance
Office of Industrial Applications and
Services

cc: Richard Friedman