

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

November 21, 2023

Maria Zannes Chief Executive Officer bioAffinity Technologies, Inc. 22211 W. Interstate 10, Suite 1206 San Antonio, Texas 78257

> Re: bioAffinity Technologies, Inc. Registration Statement on Form S-3 Filed November 16, 2023 File No. 333-275608

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.