

August 26, 2022

United States Securities and Exchange Commission  
Office of Trade & Services  
Division of Corporation Finance  
100 F Street, N.E.  
Washington, DC 20549  
Attention: Ms. Taylor Beech

**Re: bioAffinity Technologies, Inc.  
Registration Statement on Form S-1, File No. 333-264463  
Registration Statement on Form 8-A, File No. 001-41463**

**REQUEST FOR ACCELERATION OF EFFECTIVENESS**

Ladies and Gentlemen:

Pursuant to Rule 461 under the Securities Act of 1933, as amended (the "Act"), bioAffinity Technologies, Inc. (the "Company") hereby requests that the effectiveness of the above-captioned Registration Statements on Form S-1, as amended, and Form 8-A, as amended, be accelerated to 4:30 p.m., Eastern Daylight Time, on Monday, August 29, 2022, or as soon thereafter as practicable unless we or our outside counsel, Dykema Gossett PLLC, request by telephone that such Registration Statements be declared effective at some other time.

In making this acceleration request, the Company acknowledges that it is aware of its responsibilities under the Act.

Once the Registration Statements are effective, please orally confirm the event with our counsel, Dykema Gossett PLLC, by calling Wilhelm E. Liebmann at (210) 554-5414. We also respectfully request that a copy of the written orders from the Securities and Exchange Commission verifying the effective time and date of the Registration Statements be sent to our counsel, Dykema Gossett PLLC, Attention: Wilhelm E. Liebmann by email to [wliebmann@dykema.com](mailto:wliebmann@dykema.com).

If you have any questions regarding this request, please contact Wilhelm E. Liebmann of Dykema Gossett PLLC at (210) 554-5414.

Very truly yours,

**BIOAFFINITY TECHNOLOGIES, INC.**

By: /s/ Maria Zannes

Name: Maria Zannes

Title: Chief Executive Officer

---