

**Greenwich LifeSciences, Inc.  
3992 Bluebonnet Dr., Building 14  
Stafford, TX 77477**

October 15, 2024

**VIA EDGAR**

United States Securities and Exchange Commission  
100 F Street, N.E.  
Washington, D.C. 20549  
Attention: Tim Buchmiller

**Re: Greenwich LifeSciences, Inc.  
Form S-3 Registration Statement  
Filed October 7, 2024  
File No. 333-282533**

Ladies and Gentlemen:

Pursuant to Rule 461 of the General Rules and Regulations under the Securities Act of 1933, as amended, Greenwich LifeSciences, Inc. (the "Company") respectfully requests that the effective date of the registration statement referred to above be accelerated so that it will become effective at 9:00 a.m., Eastern Daylight Time, on Thursday, October 17, 2024, or as soon thereafter as possible.

Please notify Jeffrey Fessler of Sheppard, Mullin, Richter & Hampton LLP, counsel to the Company, at (212) 634-3067 as soon as possible as to the time the Registration Statement has been declared effective pursuant to this acceleration request.

GREENWICH LIFESCIENCES, INC.

By: /s/ Snehal Patel  
Name: Snehal Patel  
Title: Chief Executive Officer