



DIVISION OF  
CORPORATION FINANCE

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

August 15, 2023

John Kovach  
Chief Executive Officer  
Lixte Biotechnology Holdings, Inc.  
680 East Colorado Boulevard, Suite 180  
Pasadena, California 91101

**Re: Lixte Biotechnology Holdings, Inc.**  
**Registration Statement on Form S-3**  
**Filed August 11, 2023**  
**File No. 333-273932**

Dear John Kovach:

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 Joshua Gorsky at 202-551-7836 with any questions.

Sincerely,

Division of Corporation Finance  
Office of Life Sciences

cc: David L. Ficksman, Esq.