UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 14A

Proxy Statement Pursuant to Section 14(a) of the Securities Exchange Act of 1934 (Amendment No. __)

Filed by the Registrant ⊠ Filed by a party other than the Registrant □ Check the appropriate box:						
					Confident Definitive Definitive	y Proxy Statement (al, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2)) (b) (c) (c) (d) (d) (d) (d) (d) (d) (e) (f) (f) (f) (f) (f) (f) (f) (f) (f) (f
						LIXTE BIOTECHNOLOGY HOLDINGS, INC.
		(Name of Registrant as Specified in Its Charter)				
		(Name of Person(s) Filing Proxy Statement, if other than the Registrant)				
Paym	ent of Fili	ng Fee (Check the appropriate box):				
\boxtimes	No fee	No fee required.				
	Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.					
	(1)	Title of each class of securities to which transaction applies:				
	(2)	Aggregate number of securities to which transaction applies:				
	(3)	Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):				
	(4)	Proposed maximum aggregate value of transaction:				
	(5)	Total fee paid:				
	Fee pa	Fee paid previously with preliminary materials.				
	Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.					
	(1)	Amount Previously Paid:				
	(2)	Form, Schedule or Registration Statement No.:				
	(3)	Filing Party:				
	(4)	Date Filed:				
_						





Your vote matters - here's how to vote! You may vote online or by phone instead of mailing this card. Online Go to https://www.envisionreports.com/LIXT or scan the QR code - login details are located in the shaded bar below. Call toll free 1-800-652-VOTE (8683) within the USA, US territories and Canada Save paper, time and money! Sign up for electronic delivery at Using a black ink pen, mark your votes with an X as shown in this example. https://www.envisionreports.com/LIXT Please do not write outside the designated areas. 2024 Annual Meeting Proxy Card ▼ IF VOTING BY MAIL, SIGN, DETACH AND RETURN THE BOTTOM PORTION IN THE ENCLOSED ENVELOPE.▼ A Proposals - The Board of Directors unanimously recommends a vote FOR all nominees and FOR Proposals 2 and 3. 1. Election of Directors: Withhold Withhold Withhold For 03 - Dr. Yun Yen 01 - Bas van der Baan 02 - Dr. Stephen Forman 04 - Regina Brown 05 - Dr. René Bernards Against Abstain Against Abstain For 2. RATIFICATION OF THE APPOINTMENT OF WEINBERG & COMPANY, 3. ADVISORY VOTE ON EXECUTIVE COMPENSATION P.A. AS THE COMPANY'S INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM FOR THE YEAR ENDING DECEMBER 31, 2024 B Authorized Signatures - This section must be completed for your vote to count. Please date and sign below. Please sign exactly as name(s) appears hereon. Joint owners should each sign. When signing as attorney, executor, administrator, corporate officer, trustee, guardian, or custodian, please give full title. Date (mm/dd/yyyy) - Please print date below. Signature 1 - Please keep signature within the box. Signature 2 - Please keep signature within the box.

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The 2024 Annual Meeting of Stockholders of Lixte Biotechnology Holdings, Inc. will be held on December 19, 2024 at 10:00 am Pacific Time, virtually via the internet at https://meetnow.global/M7J6RW5

To access the virtual meeting, you must have the information that is printed in the shaded bar located on the reverse side of this form.

Important notice regarding the Internet availability of proxy materials for the Annual Meeting of Shareholders.

The material is available at: www.envisionreports.com/LIXT



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▼ IF VOTING BY MAIL, SIGN, DETACH AND RETURN THE BOTTOM PORTION IN THE ENCLOSED ENVELOPE.▼

Proxy - Lixte Biotechnology Holdings, Inc.



Notice of 2024 Annual Meeting of Stockholders

Proxy Solicited by Board of Directors for Annual Meeting – December 19, 2024

Bas van der Baan and Eric Forman, and each or either of them, with the power of substitution, is hereby authorized to represent and vote the shares of the undersigned, with all the powers which the undersigned would possess if personally present, at the Annual Meeting of Stockholders of Lixte Biotechnology Holdings, Inc. to be held on December 19, 2024 or at any postponement or adjournment thereof.

Shares represented by this proxy will be voted by the stockholder. If no such directions are indicated, the Proxies will have authority to vote <u>FOR</u> the election of the Board of Directors and FOR items 2 and 3.

In their discretion, the Proxies are authorized to vote upon such other business as may properly come before the meeting.

(Items to be voted appear on reverse side)

C Non-Voting Items			
Change of Address - Please print new address below.	Comments – Please print your comments below.		

