

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the
Investment Company Act of 1940

☐ Check this box if no
longer subject to
Section 16. Form 4 or
Form 5 obligations may
continue. See
Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Yen Yun		2. Issuer Name and Ticker or Trading Symbol LIXTE BIOTECHNOLOGY HOLDINGS, INC. [LIXT]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> 10% Owner <input type="checkbox"/> Other (specify below)			
(Last) (First) (Middle) 680 E. COLORADO BLVD., SUITE 180		3. Date of Earliest Transaction (Month/Day/Year) 06/30/2022		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person			
(Street) PASADENA, CA 91101		4. If Amendment, Date Original Filed (Month/Day/Year)					
(City) (State) (Zip)		Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned					
1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount (A) or (D) Price			

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Options to Purchase Common Stock	\$ 0.7446	06/30/2022		A		100,000		06/30/2022	06/30/2027	Common	100,000	\$ 0 (U)	100,000	D	
Options to Purchase Common Stock	\$ 3.03							06/30/2021	06/30/2026	Common	100,000		100,000	D	
Options to Purchase Common Stock	\$ 3.21							01/06/2021	01/06/2026	Common	50,000		50,000	D	
Warrants to Purchase Common Stock	\$ 5.7							11/30/2020	11/30/2025	Common	52,632		52,632	I	By Sino-American Cancer FDD
Options to Purchase Common Stock	\$ 1.68							08/04/2018	08/04/2023	Common	33,333		33,333	D	
Options to Purchase Common Stock	\$ 6.6							05/22/2019	05/22/2024	Common	8,333		8,333	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Yen Yun 680 E. COLORADO BLVD., SUITE 180 PASADENA, CA 91101	X			

Signatures

/s/ Yun Yen		07/01/2022
<small>**Signature of Reporting Person</small>		<small>Date</small>

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Effective June 30, 2022, the reporting person was granted stock options to purchase an aggregate of 100,000 shares, vesting on the last day of each subsequent quarter until fully vested (e.g. vesting to start on September 30, 2022).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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