

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

1. Name and Address of Reporting Person * SCHWARTZBERG DEBBIE (Last) (First) (Middle) 269 SOUTH BEVERLY DRIVE,, # 1315 (Street) BEVERLY HILLS, CA 90212 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol LIXTE BIOTECHNOLOGY HOLDINGS, INC. [LIXT.OB]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)
3. Date of Earliest Transaction (MM/DD/YYYY) <p align="center">4/2/2014</p>		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
4. If Amendment, Date Original Filed (MM/DD/YYYY)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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			
Common stock								1504845	D	
Common stock								500000	D	
Common stock								1150000	I	David Stirling Trust as to which Dr. Schwartzberg is the Co-trustee (1)
Common stock								1184000	I	Julie Schwartzberg Trust as to which Dr. Schwartzberg is the Co-trustee (2)

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

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		7. Title and Amount of Securities Underlying Derivative Security (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				
Warrant (3)	\$0.75	4/2/2014		J		1000000		1/20/2010	6/30/2014	Common	1000000	\$0	0	D	
Warrant	\$0.50							1/2/2010	6/30/2014	Common	500000		500000	D	

Explanation of Responses:

(1) Owned by the David Stirling Trust as to which Dr. Schwartzberg is the Co-trustee.

- (2) Owned by the Julie Schwartzberg Trust as to which Dr. Schwartzberg is the Co-trustee.
- (3) Consists of warrants owned by Dr. Schwartzberg which were assigned without consideration to an unrelated party who subsequently exercised the Warrants.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
SCHWARTZBERG DEBBIE 269 SOUTH BEVERLY DRIVE, # 1315 BEVERLY HILLS, CA 90212		X		

Signatures

/s/ Debbie Schwartzberg

5/14/2014

** Signature of Reporting Person

Date

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

* 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).

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.