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

**FORM 8-K**

CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(d) OF THE  
SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported): December 25, 2016

**LIXTE BIOTECHNOLOGY HOLDINGS, INC.**

DELAWARE  
(State or other jurisdiction  
of incorporation)

000-51436  
(Commission  
File Number)

20-2903526  
(IRS Employer  
Identification No.)

248 Route 25A, No. 2  
East Setauket, New York 11733  
(Address of principal executive offices)

Registrant's telephone number, including area code: 631 942 7959

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (See General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act of 1933 (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(e) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 1.01 Entry Into a Material Agreement**

The Company has provided notice to Taipei Medical University (“TMU”) that the Exclusive License Agreement dated as of December 25, 2015 between the Company and TMU is terminated effective December 25, 2016. The notice stated that the termination was due to the failure of TMU to file with and obtain by December 25, 2016 approval from the U.S. Food and Drug Administration of an investigational new drug application for treatment of Hepatocellular Carcinoma using the Company’s licensed technology.

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: December 29, 2016

LIXTE BIOTECHNOLOGY HOLDINGS, INC.

By: /s/ JOHN S. KOVACH

John S. Kovach, Chief Executive Officer

