

144: Filer Information

Filer CIK	<input type="text" value="0001716869"/>
Filer CCC	<input type="text" value="XXXXXXXX"/>
Is this a LIVE or TEST Filing?	<input checked="" type="radio"/> LIVE <input type="radio"/> TEST

Submission Contact Information

Name	<input type="text"/>
Phone	<input type="text"/>
E-Mail Address	<input type="text"/>

144: Issuer Information

Name of Issuer	<input type="text" value="Lantern Pharma Inc."/>
SEC File Number	<input type="text" value="001-39318"/>
Address of Issuer	<input type="text" value="1920 MCKINNEY AVENUE, 7TH FLOOR
DALLAS
TEXAS
75201"/>
Phone	<input type="text" value="972-277-1136"/>
Name of Person for Whose Account the Securities are To Be Sold	<input type="text" value="Bios Fund II QP, LP"/>

See the definition of "person" in paragraph (a) of Rule 144. Information is to be given not only as to the person for whose account the securities are to be sold but also as to all other persons included in that definition. In addition, information shall be given as to sales by all persons whose sales are required by paragraph (e) of Rule 144 to be aggregated with sales for the account of the person filing this notice.

Relationship to Issuer	<input type="text" value="Affiliate (10% owner)"/>
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144: Securities Information

Title of the Class of Securities To Be Sold	<input type="text" value="Common Stock"/>
Name and Address of the Broker	<input type="text" value="Sanders Morris Harris
5950 Sherry Lane, Ste 470
Dallas
TX
75225"/>
Number of Shares or Other Units To Be Sold	<input type="text" value="407845"/>
Aggregate Market Value	<input type="text" value="2177892.30"/>
Number of Shares or Other Units Outstanding	<input type="text" value="10741324"/>
Approximate Date of Sale	<input type="text" value="04/29/2024"/>
Name the Securities Exchange	<input type="text" value="NASDAQ"/>

any part of the purchase price or other consideration therefor:

144: Securities To Be Sold

Title of the Class	Common Stock
Date you Acquired	06/15/2020
Nature of Acquisition Transaction	Conversion of Shares in IPO
Name of Person from Whom Acquired	Issuer

Is this a Gift?	<input type="checkbox"/> Date Donor Acquired	
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Amount of Securities Acquired	723610
Date of Payment	06/15/2020
Nature of Payment	Conversion

If the securities were purchased and full payment therefor was not made in cash at the time of purchase, explain in the table or in a note thereto the nature of the consideration given. If the consideration consisted of any note or other obligation, or if payment was made in installments describe the arrangement and state when the note or other obligation was discharged in full or the last installment paid.

Furnish the following information as to all securities of the issuer sold during the past 3 months by the person for whose account the securities are to be sold.

144: Securities Sold During The Past 3 Months

Name and Address of Seller	Bios Fund II QP, LP 1751 River Run, Suite 400 Fort Worth TX 76107
Title of Securities Sold	Common Stock
Date of Sale	02/27/2024
Amount of Securities Sold	34731
Gross Proceeds	152816.40

144: Securities Sold During The Past 3 Months

Name and Address of Seller	Bios Fund II QP, LP 1751 River Run, Suite 400 Fort Worth TX 76107
Title of Securities Sold	Common Stock
Date of Sale	02/28/2024
Amount of Securities Sold	51608
Gross Proceeds	250298.80

144: Securities Sold During The Past 3 Months

Name and Address of Seller	Bios Fund II QP, LP 1751 River Run, Suite 400 Fort Worth TX 76107
Title of Securities Sold	Common Stock

Date of Sale	02/29/2024
Amount of Securities Sold	13686
Gross Proceeds	66650.82

144: Securities Sold During The Past 3 Months

Name and Address of Seller	Bios Fund II NT, LP 1751 River Run, Suite 400 Fort Worth TX 76107
Title of Securities Sold	Common Stock
Date of Sale	02/27/2024
Amount of Securities Sold	4649
Gross Proceeds	20455.60

144: Securities Sold During The Past 3 Months

Name and Address of Seller	Bios Fund II NT, LP 1751 River Run, Suite 400 Fort Worth TX 76107
Title of Securities Sold	Common Stock
Date of Sale	02/28/2024
Amount of Securities Sold	6909
Gross Proceeds	33508.65

144: Securities Sold During The Past 3 Months

Name and Address of Seller	Bios Fund II NT, LP 1751 River Run, Suite 400 Fort Worth TX 76107
Title of Securities Sold	Common Stock
Date of Sale	02/29/2024
Amount of Securities Sold	1832
Gross Proceeds	8921.84

144: Securities Sold During The Past 3 Months

Name and Address of Seller	Bios Fund II, LP 1751 River Run, Suite 400 Fort Worth TX 76107
Title of Securities Sold	Common Stock
Date of Sale	02/27/2024
Amount of Securities Sold	10620
Gross Proceeds	46728.00

144: Securities Sold During The Past 3 Months

Name and Address of Seller	Bios Fund II, LP 1751 River Run, Suite 400 Fort Worth TX 76107
Title of Securities Sold	Common Stock
Date of Sale	02/28/2024
Amount of Securities Sold	15780
Gross Proceeds	76533.00

144: Securities Sold During The Past 3 Months

Name and Address of Seller	Bios Fund II, LP 1751 River Run, Suite 400 Fort Worth TX 76107
Title of Securities Sold	Common Stock
Date of Sale	02/29/2024
Amount of Securities Sold	4185
Gross Proceeds	20380.95

144: Remarks and Signature

Remarks	
Date of Notice	04/26/2024

ATTENTION:

The person for whose account the securities to which this notice relates are to be sold hereby represents by signing this notice that he does not know any material adverse information in regard to the current and prospective operations of the Issuer of the securities to be sold which has not been publicly disclosed. If such person has adopted a written trading plan or given trading instructions to satisfy Rule 10b5-1 under the Exchange Act, by signing the form and indicating the date that the plan was adopted or the instruction given, that person makes such representation as of the plan adoption or instruction date.

Signature	/s/ Daniel Schwarz
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ATTENTION: Intentional misstatements or omission of facts constitute Federal Criminal Violations (See 18 U.S.C. 1001)