

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) **August 10, 2022**

LEXARIA BIOSCIENCE CORP.

(Exact name of registrant as specified in its charter)

<u>Nevada</u> (State or other jurisdiction of incorporation)	<u>000-52138</u> (Commission File Number)	<u>20-2000871</u> (IRS Employer Identification No.)
<u>100 – 740 McCurdy Road, Kelowna, BC Canada</u> (Address of principal executive offices)		<u>V1X 2P7</u> (Zip Code)

Registrant's telephone number, including area code **(250) 765-6424**

(Former name or former address, if changed since last report.)

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:

- Written communications pursuant to Rule 425 under the Securities Act (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(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

<u>Title of each class</u>	<u>Trading Symbol(s)</u>	<u>Name of each exchange on which registered</u>
Common Stock, par value \$0.001 per share	LEXX	The Nasdaq Capital Market
Warrants to Purchase Common Stock	LEXXW	The Nasdaq Capital Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 8.01 Other Events

Investigational New Drug (“IND”) Application Progress

Lexaria Bioscience Corp. (“Lexaria”) received a positive full written response from the Food and Drug Administration (“FDA”) from its pre-Investigational New Drug (“Pre-IND”) meeting regarding DehydraTECH-CBD for the treatment of hypertension.

The FDA confirmed that it agreed with Lexaria’s proposal to pursue a 505(b)(2) new drug application (“NDA”) regulatory pathway for its program which is advantageous because this abbreviated pathway, as it is often described, typically enables a faster route to commercial approval than the traditional 505(b)(1) NDA pathway.

Lexaria’s proposed Phase Ib clinical protocol for DehydraTECH-CBD for treatment of a target of 100 patients with hypertension was received favorably by the FDA, with a view to opening the IND application to allow Lexaria to work towards full registration of DehydraTECH-CBD for treatment of hypertension.

In addition, the FDA agreed that additional non-clinical studies were not required prior to initiation of the DehydraTECH-CBD IND program, given the compelling data already presented by Lexaria and others regarding the safety and tolerability of CBD.

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.

LEXARIA BIOSCIENCE CORP.

/s/ Chris Bunka

Chris Bunka

CEO, Principal Executive Officer

Date: August 15, 2022