UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of March 2023

Commission File Number: 001-39458

Medicenna Therapeutics Corp. (Translation of registrant's name into English)

2 Bloor St. W., 7th Floor Toronto, Ontario M4W 3E2, Canada (Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F. Form 20-F [X] Form 40-F []

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, thereunto duly authorized.

MEDICENNA THERAPEUTICS CORP.

Date: March 2, 2023

By: <u>/s/ Elizabeth Williams</u> Name: Elizabeth Williams Title: Chief Financial Officer

EXHIBIT INDEX

Exhibit Number Description

<u>99.1</u> <u>Press Release dated March 2, 2023</u>

Medicenna to Present at the Oppenheimer 33rd Annual Healthcare Conference

TORONTO and HOUSTON, March 02, 2023 (GLOBE NEWSWIRE) -- Medicenna Therapeutics Corp. ("Medicenna" or "the Company") (NASDAQ: MDNA TSX: MDNA), a clinical stage immunotherapy company, today announced that Dr. Fahar Merchant, President, CEO and Chairman of the Board of Medicenna, will participate in a fireside chat at the Oppenheimer 33^{rd} Annual Healthcare Conference, which is scheduled to take place virtually from March 13 - 15, 2023.

Details on the fireside chat are as follows:

Oppenheimer 33rd Annual Healthcare Conference

Date:	Tuesday, March 14, 2023
Time:	2:40 PM ET
Webcast:	https://wsw.com/webcast/oppenheimer27/mdna/2750720

Webcast and replay information for this event will be available on the Investor Relations section of Medicenna's website at https://ir.medicenna.com/.

About Medicenna

Medicenna is a clinical stage immunotherapy company focused on the development of novel, highly selective versions of IL-2, IL-4 and IL-13 Superkines and first in class Empowered Superkines. Medicenna's long-acting IL-2 Superkine, MDNA11, is a next-generation IL-2 with superior CD122 (IL-2 receptor beta) binding without CD25 (IL-2 receptor alpha) affinity thereby preferentially stimulating cancer killing effector T cells and NK cells. Medicenna's early-stage BiSKITs[™] program, (**Bi**functional **SuperKine ImmunoTherapies**) is designed to enhance the ability of Superkines to treat immunologically "cold" tumors. Medicenna's IL-4 Empowered Superkine, bizaxofusp (formerly MDNA55), has been studied in 5 clinical trials including a Phase 2b trial for recurrent GBM, the most common and uniformly fatal form of brain cancer. Bizaxofusp has obtained FastTrack and Orphan Drug status from the FDA and FDA/EMA, respectively.

Further Information

For further information about the Company please contact:

Elizabeth Williams, Chief Financial Officer, 416-648-5555, ewilliams@medicenna.com

Investor Contact

For more investor information, please contact:

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