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 September 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 []

EXHIBIT INDEX

Exhibit Number Description

99.1 Press Release dated September 6, 2023

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: September 6, 2023 By: <u>/s/ Fahar Merchant, PhD</u>

Name: Fahar Merchant, PhD Title: Chief Executive Officer

Medicenna to Participate at The H.C. Wainwright 25th Annual Global Investment Conference

TORONTO and HOUSTON, Sept. 06, 2023 (GLOBE NEWSWIRE) -- Medicenna Therapeutics Corp. ("Medicenna" or "the Company") (NASDAQ: MDNA TSX: MDNA), a clinical-stage immunotherapy company focused on the development of novel Superkines, announced that Dr. Fahar Merchant, President and CEO is scheduled to participate in a fireside chat at the H.C. Wainwright 25th Annual Global Investment Conference on September 13, 2023, at 2:30 PM ET.

The fireside chat will be live-streamed and available on the H.C. Wainwright Conference Platform for 30 days. Please contact your H.C. Wainwright representative for more information.

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 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 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. Medicenna's early-stage BiSKITs™ program, (**Bi**functional **S**uper**K**ine **I**mmuno**T**herapies) is designed to enhance the ability of Superkines to treat immunologically "cold" tumors.

Further Information & Investor Contact:

For further information about the Company please contact:

Delphine Davan

Vice President, Investor Relations and Corporate Communications,

Phone: +1 (647) 474-2641 ddavan@medicenna.com