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**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 July 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  Form 40-F

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## Other Events

On July 5, 2023, Medicenna Therapeutics Corp. ("Medicenna" or "the Company") issued a press release announcing that it has received conditional approval from the Toronto Stock Exchange to extend the expiry date of a total of 1,549,052 outstanding common share purchase warrants of the Company (the "Warrants") originally issued on October 17, 2019 as part of a public offering of units of the Company. Each warrant is exercisable for a common share of the Company (the "Common Shares") at a price of \$1.75 per Common Share and set to expire on July 17, 2023. The Company has extended the expiry date of such Warrants until October 17, 2024, with such extension being effective on July 17, 2023. All other terms of the Warrants, including the exercise price, remain unchanged. The information set forth above in this Form 6-K and attached as Exhibit 99.1 shall be deemed to be incorporated by reference into the registration statement on Form F-3 (File Number 333-269868) and Form S-8 (File Number 333-240225), and related prospectuses, as such registration statements and prospectuses may be amended from time to time, and to be a part thereof from the date on which this report is filed, to the extent not superseded by documents or reports subsequently filed or furnished.

## EXHIBIT INDEX

<u>Exhibit Number</u>	<u>Description</u>
<a href="#">99.1</a>	<a href="#">Press Release dated July 5, 2023</a>

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## 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: July 5, 2023

By: /s/ Elizabeth Williams  
Name: Elizabeth Williams  
Title: Chief Financial Officer

## Medicenna Extends Period to Exercise Certain Warrants

TORONTO and HOUSTON, July 05, 2023 (GLOBE NEWSWIRE) -- Medicenna Therapeutics Corp. (“Medicenna” or the “Company”) (NASDAQ: MDNA TSX: MDNA), a clinical stage immunotherapy company, today announced that it has received conditional approval from the Toronto Stock Exchange to extend the expiry date of a total of 1,549,052 outstanding common share purchase warrants of the Company (the “Warrants”) originally issued on October 17, 2019 as part of a public offering of units of the Company. Each warrant is exercisable for a common share of the Company (the “Common Shares”) at a price of \$1.75 per Common Share and set to expire on July 17, 2023.

The Company has extended the expiry date of such Warrants until October 17, 2024, with such extension being effective on July 17, 2023. All other terms of the Warrants, including the exercise price, remain unchanged. None of the outstanding warrants are held by insiders.

### 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, (“Bifunctional 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.

### Forward-Looking Statements

This news release contains forward-looking statements under applicable securities laws and relate to the future operations of the Company and other statements that are not historical facts including, but not limited to, statements related to the extension of the term of the Warrants. Forward-looking statements are often identified by terms such as “will”, “may”, “should”, “anticipate”, “expects”, “believes”, “seeks” and similar expressions. All statements other than statements of historical fact, included in this release, are forward-looking statements that are subject to risks and uncertainties. There can be no assurance that such statements will prove to be accurate and actual results and future events could differ materially from those anticipated in such statements. Important factors that could cause actual results to differ materially from the Company’s expectations include the risks detailed in the annual information form and Form 20-F of the Company and in other filings made by the Company with the applicable securities regulators from time to time in Canada and the United States.

The reader is cautioned that assumptions used in the preparation of any forward-looking information may prove to be incorrect. Events or circumstances may cause actual results to differ materially from those predicted, as a result of numerous known and unknown risks, uncertainties, and other factors, many of which are beyond the control of the Company. The reader is cautioned not to place undue reliance on any forward-looking information. Such information, although considered reasonable by management, may prove to be incorrect and actual results may differ materially from those anticipated. Forward-looking statements contained in this news release are expressly qualified by this cautionary statement. The forward-looking statements contained in this news release are made as of the date hereof and except as required by law, we do not intend and do not assume any obligation to update or revise publicly any of the included forward-looking statements.

### Further Information

For further information about the Company please contact:

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

### Media Contact

For media inquiries, please contact:

Tony Russo, Russo Partners, 212-845-4251, tony.russo@russopartnersllc.com