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 8, 2023

XENON PHARMACEUTICALS INC.

(Exact name of Registrant as Specified in Its Charter)

Canada (State or Other Jurisdiction of Incorporation) 001-36687

(Commission File Number)

200-3650 Gilmore Way Burnaby, British Columbia, Canada (Address of Principal Executive Offices) 98-0661854 (IRS Employer Identification No.)

> V5G 4W8 (Zip Code)

Registrant's Telephone Number, Including Area Code: (604) 484-3300

Not Applicable

(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 (see General Instruction A.2. below):

□ 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)

Dere-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Dere-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:

Title of each class	Symbol(s)	Name of each exchange on which registered
Common Shares, without par value	XENE	The Nasdaq Stock Market LLC (The Nasdaq Global 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 \Box

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 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers

On August 8, 2023, the board of directors (the "Board") of Xenon Pharmaceuticals Inc. (the "Company"), upon recommendation from the nominating and corporate governance committee of the Board, appointed Dr. Gillian Cannon and Mr. Justin Gover as directors of the Company, effective as of August 8, 2023.

There are no transactions and no proposed transactions between either Dr. Cannon or Mr. Gover (or any member of their immediate families) and the Company (or its subsidiary) that would require disclosure under Item 404(a) of Regulation S-K under the Securities Act of 1933, as amended, and there are no arrangements or understandings between either Dr. Cannon or Mr. Gover and any other person or entity pursuant to which Dr. Cannon and Mr. Gover were appointed as directors of the Company.

Dr. Cannon and Mr. Gover will participate in the Company's standard compensation plan for non-employee directors, including an initial stock option grant, which will be granted to Dr. Cannon and Mr. Gover on August 10, 2023. The standard compensation plan for non-employee directors is described in the section titled "Director Compensation" of the Company's definitive proxy statement on Schedule 14A, filed with the Securities and Exchange Commission on April 27, 2023.

Each of Dr. Cannon and Mr. Gover will also enter into the Company's standard form of indemnification agreement for directors and executive officers.

Neither Dr. Cannon nor Mr. Gover will be named to any committees of the Board in connection with their appointments.

A press release announcing Dr. Cannon's and Mr. Gover's appointment to the Board is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits

<u>Exhibit Number</u>	Description
99.1	Press Release issued by Xenon Pharmaceuticals Inc. dated August 8, 2023.
104	Cover Page Interactive Data File (embedded within the Inline XBRL document).

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.

XENON PHARMACEUTICALS INC.

Date: August 8, 2023

By: /s/ Sherry Aulin

Sherry Aulin Chief Financial Officer

NEWS RELEASE

Xenon Pharmaceuticals Expands Leadership on its Board of Directors with Appointments of Gillian M. Cannon and Justin Gover

VANCOUVER, British Columbia, August 8, 2023 – Xenon Pharmaceuticals Inc. (Nasdaq:XENE), a neurology-focused biopharmaceutical company, today announced two new appointments to its Board of Directors: Dr. Gillian M. Cannon and Mr. Justin Gover. Dr. Cannon has more than 30 years of experience in the pharmaceutical industry, where she served in business and commercial leadership roles at Merck and Co., UCB, Otsuka and Roivant. Mr. Gover served as founding Chief Executive Officer and as a director of GW Pharmaceuticals from inception in 1999 until its sale to Jazz Pharmaceuticals for \$7.2 billion in May 2021 and brings nearly twenty-five years of experience in leadership positions in the biotechnology industry with a focus on epilepsy.

Mr. Ian Mortimer, Xenon's President and Chief Executive Officer, stated, "On behalf of our Board of Directors, I am delighted to welcome Gillian and Justin to our Board. Gillian brings a vast knowledge of commercializing novel medicines and leading successful neuroscience franchises at large pharmaceutical companies. In addition to his leadership acumen in the biotechnology industry, Justin brings a depth of understanding of the epilepsy space, with his background as founding CEO at GW Pharma and ongoing advocacy efforts at organizations such as CURE Epilepsy. These Board appointments are particularly timely given our continued efforts in advancing XEN1101 in multiple Phase 3 epilepsy trials and our preparation for commercialization as well as nearing a topline readout of our XEN1101 Phase 2 X-NOVA clinical trial in major depressive disorder. I am proud that both Gillian and Justin are lending their expertise to Xenon and look forward to their valued contributions and counsel."

Gillian M. Cannon, Ph.D. brings more than 30 years of experience in the pharmaceutical industry, where she has served in leadership roles at multiple prominent global pharmaceutical companies including Merck and Co. Inc., UCB Inc. and Otsuka Pharmaceuticals. Serving more than 25 years at Merck, Dr. Cannon held a variety of senior positions, including Global Vice President for Commercial Operations at Merck's start-up biosimilar business, Merck BioVentures; Business Unit Head for Merck's specialty products franchise, and Global Commercial Head of Merck's neuroscience franchise. More recently, Dr. Cannon was the President of North American Operations for UCB Inc. from 2015 to 2017. In 2018, Dr. Cannon joined Roivant Sciences, a biotechnology company, serving initially as COO for Alyvant and subsequently as Head of Commercial Innovation for Roivant. Dr. Cannon currently serves on the Board of Directors for Corcept Therapeutics, a publicly traded clinical-stage biopharmaceutical company; Affibody AB, a Swedish biotechnology company; Edinburgh Innovations, the commercial arm of Edinburgh University; and Our Future Health Trading Board, the largest UK health research program. She also serves as a lecturer in the Drug Discovery Master's program at Drexel University, PA. Dr. Cannon received her B.Sc. from the University of Edinburgh and Ph.D. in Health Administration from Temple University.

Justin Gover brings nearly twenty-five years of experience in leadership positions in the biotechnology industry in the UK and the U.S. Mr. Gover served as founding Chief Executive Officer and as a director of GW Pharmaceuticals plc from the company's inception in 1999 until its sale to Jazz Pharmaceuticals plc for \$7.2 billion in May 2021. Mr. Gover led GW from London, UK from 1999 to 2015, at which time he relocated to San Diego, CA to open the company's US headquarters. At GW, Mr. Gover led the development and commercialization of Epidiolex® (cannabidiol), which is approved in the U.S. and Europe in the field of childhood onset epilepsy. From 2018 to 2021, Mr. Gover served on the Board of Directors of the Biotechnology Innovation Organization (BIO). Mr. Gover currently serves on the Board of Directors for CURE Epilepsy and Rady Children's Institute for Genomic Medicine. Mr. Gover holds an M.B.A. from the INSEAD business school in France and a B.Sc. (Hons) from Bristol University, UK.

About Xenon Pharmaceuticals Inc.

Xenon Pharmaceuticals (NASDAQ:XENE) is a clinical stage biopharmaceutical company committed to developing innovative therapeutics to improve the lives of patients with neurological disorders. We are advancing a novel product pipeline of neurology therapies to address areas of high unmet medical need, with a focus on epilepsy. For more information, please visit www.xenon-pharma.com.

Safe Harbor Statement

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, and the Private Securities Litigation Reform Act of 1995 and Canadian securities laws. These forwardlooking statements are not based on historical fact, and include statements regarding our management and directors and their contributions and our prospects; the potential efficacy, safety profile, future development plans, addressable market, regulatory success and commercial potential of our and our partners' product candidates; our ability to successfully develop and achieve milestones in our XEN1101 and other development programs; our ability to successfully develop and obtain regulatory approval of XEN1101 and our other product candidates; and anticipated enrollment in our clinical trials and the timing thereof. These forward-looking statements are based on current assumptions that involve risks, uncertainties and other factors that may cause the actual results, events, or developments to be materially different from those expressed or implied by such forward-looking statements. These risks and uncertainties, many of which are beyond our control, include, but are not limited to: clinical trials may not demonstrate safety and efficacy of any of our or our collaborators' product candidates; promising results from pre-clinical development activities or early clinical trial results may not be replicated in later clinical trials; our ongoing discovery and pre-clinical efforts may not yield additional product candidates; any of our or our collaborators' product candidates, including XEN1101, may fail in development, may not receive required regulatory approvals, or may be delayed to a point where they are not commercially viable; we may not achieve additional milestones in our proprietary or partnered programs; regulatory agencies may impose additional requirements or delay the initiation of clinical trials; the impact of competition; the impact of expanded product development and clinical activities on operating expenses; the impact of new or changing laws and regulations; the impact of pandemics and other health crises on our research and clinical development plans and timelines and results of operations, including impact on our clinical trial sites, collaborators, regulatory agencies and related review times, and contractors who act for or on our behalf; the impact of unstable economic conditions in the general domestic and global economic markets; adverse conditions from geopolitical events; as well as the other risks identified in our filings with the Securities and Exchange Commission and the securities commissions in British Columbia, Alberta, and Ontario. These forward-looking statements speak only as of the date hereof and we assume no obligation to update these forward-looking statements, and readers are cautioned not to place undue reliance on such forward-looking statements.

"Xenon" and the Xenon logo are registered trademarks or trademarks of Xenon Pharmaceuticals Inc. in various jurisdictions. All other trademarks belong to their respective owner.

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