
**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 October 2018

Commission File Number: 001-35776

ACASTI PHARMA INC.

(Translation of registrant's name into English)

545 Promende du Centropolis

Suite 100

Laval, Québec

Canada H7T 0A3

(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 ☐

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): N/A

This Report on Form 6-K including the exhibits hereto shall be deemed to be incorporated by reference into Acasti Pharma Inc.'s registration statement on Form S-8 (File No. 333-191383) and to be a part thereof from the date on which this report is furnished, to the extent not superseded by documents or reports subsequently filed or furnished.

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.

ACASTI PHARMA INC.

Date: October 3, 2018

By: /s/ Jan D'Alvise
Name: Jan D'Alvise
Title: Chief Executive Officer

EXHIBIT INDEX

<u>Exhibit</u>	<u>Description of Exhibit</u>
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<u>99.1</u>	<u>Press Release dated October 3, 2018</u>
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Acasti Pharma Announces Proposed Underwritten Public Offering of Common Shares

MONTREAL, Oct. 03, 2018 (GLOBE NEWSWIRE) -- Acasti Pharma Inc. (NASDAQ: ACST – TSX-V: ACST), a biopharmaceutical innovator focused on the research, development and commercialization of its prescription drug candidate CaPre® (omega-3 phospholipid) for the treatment of severe hypertriglyceridemia, announced today that it intends to offer and sell its common shares in an underwritten public offering in the United States. Acasti Pharma intends to grant the underwriters a 30-day option to purchase additional common shares sold in the offering, to cover over-allotments, if any. All common shares in the offering are being offered by Acasti Pharma. The proposed offering is subject to market and other conditions, including approval of the Nasdaq Capital Market and the TSX Venture Exchange. There can be no assurance as to whether or when the offering may be completed, or as to the actual size or terms of the offering.

Oppenheimer & Co. Inc. is acting as the sole book-running manager for the proposed offering. Aegis Capital Corporation is acting as a co-manager in connection with the offering.

Acasti Pharma intends to use the net proceeds of the offering to fund its TRILOGY Phase 3 program, to advance partnering discussions around the world and for working capital and general corporate purposes.

On October 3, 2018, Acasti also commenced a separate and concurrent public offering in Canada of common shares under a Canadian prospectus filed with certain Canadian securities regulatory authorities in reliance on Regulation S under the Securities Act of 1933, as amended. The number of common shares to be offered and sold in Canada and other terms of the offering in Canada will be determined at the time of pricing of that offering.

The securities in the U.S. offering described above are being offered by Acasti Pharma pursuant to a "shelf" registration statement on Form F-3 (File No. 333-223464) previously filed with and declared effective by the Securities and Exchange Commission ("SEC") on March 16, 2018. A preliminary prospectus supplement and an accompanying prospectus relating to the U.S. offering will be filed with the SEC and will be available on the SEC's website located at <http://www.sec.gov>. When available, electronic copies of the preliminary prospectus supplement and the accompanying prospectus relating to the U.S. offering may be obtained from: Oppenheimer & Co. Inc., Attention: Syndicate Prospectus Department, 85 Broad St., 26th Floor, New York, NY 10004, by telephone at (212) 667-8055 or by email at EquityProspectus@opco.com.

Before investing in the U.S. offering, you should read in their entirety the prospectus supplement and the accompanying prospectus and the other documents that Acasti Pharma has filed with the SEC that are incorporated by reference in the prospectus supplement and the accompanying prospectus, which provide more information about Acasti Pharma and the U.S. offering.

This press release shall not constitute an offer to sell or the solicitation of an offer to buy any securities described herein, nor shall there be any sale of these securities in any state or jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state or jurisdiction. The U.S. offering will be made only by means of a prospectus that forms a part of the registration statement.

The securities described above in relation to the U.S. offering have not been and will not be qualified for distribution pursuant to a prospectus filed with the securities regulatory authorities in any of the provinces or territories of Canada and will not be offered or sold in Canada except on a private placement basis pursuant to an exemption from the prospectus requirements of applicable Canadian securities laws.

About CaPre (omega-3 phospholipid)

Acasti Pharma's prescription drug candidate, CaPre, is a highly purified omega-3 phospholipid concentrate derived from krill oil and is being developed to treat severe hypertriglyceridemia, a metabolic condition that contributes to increased risk of cardiovascular disease and pancreatitis. Its omega-3s, principally EPA and DHA, are either "free" or bound to phospholipids that allows for better absorption into the body. Acasti Pharma believes that EPA and DHA are more efficiently transported by phospholipids sourced from krill oil than the EPA and DHA contained in fish oil that are transported either by triglycerides (as in dietary supplements) or as ethyl esters in other prescription omega-3 drugs, which must then undergo additional digestion before they are ready for transport in the bloodstream. Acasti Pharma's

CaPre Phase 3 program is currently underway.

About Acasti Pharma

Acasti Pharma is a biopharmaceutical innovator advancing a potentially best-in-class cardiovascular drug, CaPre® (omega-3 phospholipid), for the treatment of hypertriglyceridemia, a chronic condition affecting an estimated one third of the U.S. population. Since its founding in 2008, Acasti Pharma has focused on addressing a critical market need for an effective, safe and well-absorbing omega-3 therapeutic that can make a positive impact on the major blood lipids associated with cardiovascular disease risk. The company is developing CaPre in a Phase 3 clinical program in patients with severe hypertriglyceridemia, a market that includes 3 to 4 million patients in the U.S. The addressable market may expand significantly if omega-3s demonstrate long-term cardiovascular benefits in on-going outcomes studies (REDUCE-IT and STRENGTH). Acasti Pharma may need to conduct at least one additional clinical trial to support FDA approval of a supplemental New Drug Application to expand CaPre's indications to this segment. Acasti Pharma's strategy is to commercialize CaPre in the U.S. and the company is pursuing development and distribution partnerships to market CaPre in major countries around the world. For more information, visit www.acastipharma.com.

The contents found at Acasti Pharma's website address are not incorporated by reference into this press release and should not be considered part of this press release.

Forward Looking Statements

Statements in this press release that are not statements of historical or current fact constitute "forward-looking statements" within the meaning of the U.S. securities laws and Canadian securities laws. Such forward-looking statements involve known and unknown risks, uncertainties, and other unknown factors that could cause the actual results of Acasti Pharma to be materially different from historical results or from any future results expressed or implied by such forward-looking statements. In addition to statements which explicitly describe such risks and uncertainties, readers are urged to consider statements labeled with the terms "believes," "belief," "expects," "intends," "anticipates," "will," or "plans" to be uncertain and forward-looking. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date of this press release.

The forward-looking statements contained in this press release are expressly qualified in their entirety by this cautionary statement, the "Cautionary Note Regarding Forward-Looking Information" section contained in Acasti Pharma's latest annual report on Form 20-F available on SEDAR at www.sedar.com, on EDGAR at www.sec.gov/edgar.shtml and on the investor section of Acasti Pharma's website at www.acastipharma.com. All forward-looking statements in this press release are made as of the date of this press release. Acasti Pharma does not undertake to update any such forward-looking statements whether as a result of new information, future events or otherwise, except as required by law. Additional information about these assumptions and risks and uncertainties is contained in the Annual Report and in the Corporation's most recent management's discussion and analysis (MD&A), in each case under the heading "Risk Factors," and in the preliminary prospectus supplement related to the proposed U.S. offering to be filed with the SEC on or about the date hereof (copies of which may be obtained at www.sec.gov).

Neither NASDAQ, the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

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