

August 31, 2017



Acasti Pharma Grants Stock Options

LAVAL, QUÉBEC -- (Marketwired) -- 08/31/17 -- Acasti Pharma Inc. ("**Acasti**" or the "**Corporation**") (NASDAQ:ACST)(TSX VENTURE:ACST), today announced the grant of an aggregate of 100,000 stock options under the Corporation's Stock Option Plan for its two new directors, Katherine Crewe and Richard P. Schottenfeld, who joined Acasti's Board of Directors at the last Annual and Special Meeting of Shareholders held on August 15, 2017. Subject to the terms and conditions of the plan, these options will vest in equal monthly installments over a period of 36 months and will entitle the holders to purchase each common share of Acasti at a price of CDN \$1.60, until August 31, 2027.

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. The Corporation's strategy is to initially develop and commercialize CaPre for the 3 to 4 million patients in the U.S. with severe hypertriglyceridemia. 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. For more information, visit www.acastipharma.com.

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 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 news release are expressly qualified in their entirety by this cautionary statement, the "Cautionary Note Regarding Forward-Looking Information" section contained in Acasti's latest Annual Information Form (the "AIF"), which also forms part of Acasti's latest annual report on Form 20-F and which is available on SEDAR at www.sedar.com, on EDGAR at www.sec.gov/edgar/shtml and on the investor section of Acasti'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 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. The forward-looking statements contained

herein are also subject generally to other risks and uncertainties that are described from time to time in Acasti's public securities filings with the Securities and Exchange Commission and the Canadian securities commissions. Additional information about these assumptions and risks and uncertainties is contained in the AIF and in the Corporation's management discussion and analysis (the "MD&A") of its most recent quarterly report, in each case under the heading "Risk Factors."

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.

SOURCE: Acasti Pharma Inc.

Acasti Contact:

Jan D'Alvise

Chief Executive Officer

450-686-4555

info@acastipharma.com

www.acastipharma.com

Media Contact:

Jessica Dyas

Canale Communications

619-849-5385

jessica@canalecomm.com

Investor Relations Contact:

Glen Akselrod

Bristol Capital Ltd.

(905) 326-1888 ext 10

glen@bristolir.com

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