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Medicure Announces FDA Approval for Apicore's Generic Tetrabenazine

WINNIPEG, CANADA – (March 23, 2017) Medicure Inc. ("**Medicure**" or the "**Company**") (TSXV:MPH, OTC:MCUJF), a leading Canadian specialty pharmaceutical company, is pleased to announce that its majority-owned subsidiary, Apicore Inc., has received final approval from the U.S. Food and Drug Administration (FDA) for the Company's abbreviated new drug application ("ANDA") for tetrabenazine tablets in the 12.5 mg and 25 mg strengths. The newly approved product is a generic equivalent of the branded product Xenazine® sold in the United States by Valeant Pharmaceuticals. Xenazine is indicated to treat the involuntary movements (chorea) of Huntington's disease. Development of tetrabenazine was done in partnership with TAGI Pharma Inc., which recently launched the product commercially.

Medicure currently owns approximately 61% of Apicore on a fully diluted basis, and continues to have option rights until July 3, 2017 to acquire additional shares in Apicore.

About Apicore

Apicore is a private, New Jersey based developer and manufacturer of specialty Active Pharmaceutical Ingredients ("APIs") and pharmaceuticals, including over 15 Abbreviated New Drug Applications ("ANDAs"), one of which, is partnered with Medicure. Apicore manufactures over 100 different API's, including over 35 for which Drug Master Files have been submitted to the FDA and 16 that are approved for commercial sale in the U.S. by customers of Apicore. Apicore specializes in the manufacture of difficult to synthesize, high value and other niche API's for many U.S. and international generic and branded pharmaceutical companies. Apicore has two FDA-approved facilities. In the U.S., the Somerset, New Jersey facility can produce a few grams up to 200 kg volumes and in India, the Vadodara, Gujarat facility can produce a few kilograms up to 60 metric tons yearly. Both facilities are equipped with state-of-the-art analytical and research capabilities. For more information, please visit Apicore online at www.apicore.com.

About Medicure

Medicure is a specialty pharmaceutical company focused on the development and commercialization of therapeutics for the U.S. hospital market. The primary focus of the Company and its subsidiaries is the marketing and distribution of AGGRASTAT (tirofiban hydrochloride) in the United States, where it is sold through the Company's U.S. subsidiary, Medicure Pharma, Inc. For more information on Medicure please visit www.medicure.com.

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Forward Looking Information: Statements contained in this press release that are not statements of historical fact, including, without limitation, statements containing the words "believes", "may", "plans", "will", "estimates", "continues", "anticipates", "intends", "expects" and similar expressions, may constitute "forward-looking information" within the meaning of applicable Canadian and U.S. federal securities laws (such forward-looking information and forward-looking statements are hereinafter collectively referred to as "forward-looking statements"). Forward-looking statements, including the potential for Apicore's revenue and value to increase, and Medicure to secure and advance new products are based on the current assumptions, estimates, analysis and opinions of management of the Company made in light of its experience and its perception of trends, current conditions and expected developments, as well as other factors which the Company believes to be relevant and reasonable in the circumstances. Inherent in forward-looking statements are known and unknown risks, uncertainties and other factors beyond the Company's ability to predict or control that may cause the actual results, events or developments to be materially different from any future results, events or developments expressed or implied by such forward-looking statements, and as such, readers are cautioned not to place undue reliance on forward-looking statements. Such risk factors include, among others, the Company's future product revenues, stage of development, additional capital requirements, risks associated with the completion and timing of clinical trials and obtaining regulatory approval to market the Company's products, the ability to protect its intellectual property, dependence upon collaborative partners, changes in government regulation or regulatory approval processes, and rapid technological change in the industry. Such statements are based on a number of assumptions which may prove to be incorrect, including, but not limited to, assumptions about: general business and economic conditions; the impact of changes in Canadian-US dollar and other foreign exchange rates on the Company's revenues, costs and results; the timing of the receipt of regulatory and governmental approvals for the Company's research and development projects; the availability of financing for the Company's commercial operations and/or research and development projects, or the availability of financing on reasonable terms; results of current and future clinical trials; the uncertainties associated with the acceptance and demand for new products and market competition. The foregoing list of important factors and assumptions is not exhaustive. The Company undertakes no obligation to update publicly or otherwise revise any forward-looking statements or the foregoing list of factors, other than as may be required by applicable legislation. Additional discussion regarding the risks and uncertainties relating to the Company and its business can be found in the Company's other filings with the applicable Canadian securities regulatory authorities or the US Securities and Exchange Commission, and in the "Risk Factors" section of its Form 20F for the year ended December 31, 2015.