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Medicure Announces Further Up-Date on PREXXARTAN®

WINNIPEG, CANADA – (March 28, 2018) Medicure Inc. ("**Medicure**" or the "**Company**") (TSXV:MPH, OTC:MCUJF), a cardiovascular pharmaceutical company, today announced that further to its press release of March 19, 2018, Medicure has been named in a civil claim in Florida from the third party manufacturer of PREXXARTAN® (valsartan) oral solution against Carmel Biosciences, Inc. ("**Carmel**"). The claim disputes the rights granted by Carmel to the Company with respect to PREXXARTAN®. The Company believes the claim against it is without merit and will defend itself against the claim.

The March 19, 2018 press release provided an up-date on the status of PREXXARTAN® as being on hold pending the resolution of a dispute that Medicure had become aware of between Carmel as the the owner of the New Drug Application and the third party manufacturer of the product. Medicure continues to reserve all of its rights under the license agreement with Carmel for PREXXARTAN®.

About Medicure

Medicure is a pharmaceutical company focused on the development and commercialization of therapeutics for the U.S. cardiovascular market. The primary focus of the Company is the marketing and distribution of AGGRASTAT® (tirofiban hydrochloride) injection and the launch of ZYPITAMAG™ (pitavastatin magnesium) 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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To be added to Medicure's e-mail list, please visit:
http://medicure.mediaroom.com/alerts

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, include the target launch date for new products, the outcome of any claims the Company has been served with, 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, 2016.