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CORREVIO ANNOUNCES INTENTION TO RE-FILE BRINAVESS® NDA IN SECOND QUARTER 2019

Pre-NDA Meeting Outlines Path for Brinavess® NDA Resubmission

No Additional Studies Required for Resubmission

Vancouver, Canada, October 23, 2018 -- Correvio Pharma Corp. (NASDAQ: CORV / TSX: CORV), a specialty pharmaceutical company focused on providing high-quality brands to acute care physicians and patients, today announced that, based on productive pre-NDA discussions with the U.S. Food and Drug Administration (FDA), Correvio plans to resubmit the Brinavess® (vernakalant hydrochloride, IV) New Drug Application (NDA) during the second quarter of 2019. Brinavess® is Correvio's antiarrhythmic drug for the rapid conversion of recent onset atrial fibrillation (AF). The FDA agreed that no additional studies would be required for the resubmission of the NDA.

"These communications, including our recent pre-NDA meeting, represent a significant milestone for Correvio, since we have learned from the FDA that it would be permissible to resubmit the NDA with the clinical and post-marketing surveillance data that we have already collected," said William Hunter, MD, CEO and President of Correvio. "We are pleased with the collaborative nature of the FDA discussions that clarified a path forward for resubmission of the Brinavess NDA in Q2 2019, and we look forward to working closely with the FDA during the review process."

Brinavess has active marketing authorization in 40 countries outside the U.S. and has accumulated eight years of post-marketing data.

About Atrial Fibrillation

Atrial Fibrillation (also known as AFib or AF) is a supraventricular tachyarrhythmia with uncoordinated atrial activation resulting in ineffective atrial contraction and if left untreated, structural and/or electrophysiological atrial tissue abnormalities.[1] AF is a common cardiac rhythm disturbance that increases in prevalence with advancing age.[1] According to the American Heart Association, estimates of the prevalence of AF in the U.S. ranged from 2.7 million to 6.1 million in 2010, and is expected to rise to between 5.6 million to 12 million in 2030.[2]

There are two strategies to manage AF, namely, rhythm- or rate-control. A rhythm-control strategy may be used in patients who are severely compromised, remain symptomatic despite adequate rate control, when adequate rate control is difficult to achieve, when long term rhythm control therapy is preferred, younger patient age, presence of tachycardia-mediated cardiomyopathy, and first episode of AF.[1,3] Early intervention with a rhythm-control strategy to prevent progression of AF may be particularly beneficial to the AF patient.[1]

About Brinavess®

Brinavess® (vernakalant HCl, IV) is an antiarrhythmic drug that acts preferentially in the atria by prolonging

atrial refractoriness and slowing impulse conduction in a rate-dependent fashion. Brinavess is approved for marketing in Europe, Canada and several other countries worldwide. In Europe, it is approved for the rapid conversion of recent onset atrial fibrillation to sinus rhythm in adults: 1) for non-surgery patients: atrial fibrillation ≤ 7 days duration; and 2) for post-cardiac surgery patients: atrial fibrillation ≤3 days duration. Vernakalant IV is not approved for use in the United States.

About Correvio Pharma Corp.

Correvio Pharma Corp. is a revenue-generating, specialty pharmaceutical company focused on providing innovative, high-quality brands that meet the needs of acute care physicians and patients. With a commercial presence and distribution network covering over 60 countries worldwide, Correvio develops, acquires and commercializes brands for the in-hospital, acute care market segment. The Company's portfolio of approved and marketed brands includes: Xydalba™ (dalbavancin hydrochloride), for the treatment of acute bacterial skin and skin structure infections (ABSSSI); Zevtera®/Mabelio® (ceftobiprole medocaril sodium), a cephalosporin antibiotic for the treatment of community- and hospital-acquired pneumonia (CAP, HAP); Brinavess® (vernakalant IV) for the rapid conversion of recent onset atrial fibrillation to sinus rhythm; Aggrastat® (tirofiban hydrochloride) for the reduction of thrombotic cardiovascular events in patients with acute coronary syndrome, and Esmocard® and Esmocard Lyo® (esmolol hydrochloride), a short-acting betablocker used to control rapid heart rate in a number of cardiovascular indications. Correvio's pipeline of product candidates includes Trevyent®, a drug device combination that is designed to deliver treprostinil, the world's leading treatment for pulmonary arterial hypertension. Correvio is traded on the NASDAQ Capital Market (CORV) and the Toronto Stock Exchange (CORV). For more information, please visit our web site www.correvio.com.

References

1. January CT et al. 2014 AHA/ACC /HRS guideline for the management of patients with atrial fibrillation. J AM Coll Cardiol. 2014;34:e1-e76.
2. Mozaffarian D et al. Heart Disease and Stroke Statistics-2016 Update: A Report From the American Heart Association. Circulation. 2016 Jan 26;133(4):e38-60.
3. Camm AJ et al. Guidelines for the management of atrial fibrillation, The Task Force for the Management of Atrial Fibrillation of the European Society of Cardiology (ESC). Eur Heart J. 2010;31:2369-2429.

Forward-Looking Statement Disclaimer

Certain statements in this news release contain "forward-looking statements" within the meaning of the U.S. Private Securities Litigation Reform Act of 1995 or "forward-looking information" under applicable Canadian securities legislation (collectively, "forward-looking statements"). Forward-looking statements include statements that may relate to our plans, objectives, goals, strategies, future events, future revenue or performance, capital expenditures, financing needs and other information that may not be based on historical fact. Forward-looking statements can often be identified by the use of terminology such as "believe", "may", "plan", "will", "estimate", "continue", "anticipate", "intend", "expect", "look forward to" and similar expressions. Forward-looking statements are necessarily based on estimates and assumptions made by us based on our experience and perception of historical trends, current conditions and expected future developments, as well as other factors we believe are appropriate.

These forward-looking statements may include, but are not limited to: any possible regulatory path forward with respect to Brinavess®, including, specifically, resubmission of an NDA for Brinavess® and the timing of such resubmission and any related review by or correspondence with the FDA, any future rise in the

prevalence of AF in the United States and the potential benefits of a rhythm-control strategy to prevent progression of AF.

By their very nature, forward-looking statements involve known and unknown risks, uncertainties and other factors 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. A detailed discussion of the risks and uncertainties facing Correvio are discussed in the annual report and detailed from time to time in our other filings with the Securities and Exchange Commission ("SEC") available at www.sec.gov and the Canadian securities regulatory authorities at www.sedar.com. In particular, we direct your attention to the risks titled "Clinical trials for our product candidates are expensive and time consuming, and their outcome is uncertain" and "The results of pre-clinical studies and initial clinical trials are not necessarily predictive of future results, and our current product candidates may not have favorable results in later trials or in the commercial setting" in Correvio's Annual Report on Form 20-F for the year ended December 31, 2017. All of the risks and certainties disclosed in those filings are hereby incorporated by reference in their entirety into this news release.

While Correvio makes these forward-looking statements in good faith, given these risks, uncertainties and factors, you are cautioned not to place undue reliance on any forward-looking statements made in this press release. All forward-looking statements made herein are based on our current expectations and we undertake no obligation to revise or update such forward-looking statements to reflect subsequent events or circumstances, except as required by law. Investors are cautioned that forward-looking statements are not guarantees of future performance and accordingly investors are cautioned not to put undue reliance on forward-looking statements due to their inherent uncertainty.

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