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## **Cardiol Appoints Dr. Jonathan Howlett to Scientific Advisory Board**

**On May 9<sup>th</sup>, 2017**, Cardiol Therapeutics Inc. (“Cardiol” or the “Company”), a nanotherapeutics company focused on the research and commercial development of proprietary drug formulations for the treatment of heart failure, appointed Dr. Jonathan Howlett, MD, FRCPC, FACC, to its Scientific Advisory Board.

Dr. Howlett graduated from the University of Toronto Medical School in 1989 and received specialty certification for Cardiology at Dalhousie University in 1994. He pursued further training at the Toronto Centre for Congenital Cardiac Diseases for Adults until 1995 when he joined Faculty of Medicine at Dalhousie University.

In 2008, Dr. Howlett became Clinical Professor of Medicine and Staff Cardiologist at the Libin Cardiovascular Institute of Alberta / University of Calgary. Dr. Howlett’s current activities include clinical trial research in heart failure, end of life care, evaluation of health care delivery systems, healthcare outcomes, and knowledge translation.

Dr. Howlett serves on several international clinical trial steering and executive committees, as reviewer for numerous medical journals and national funding agencies, and serves or has served on several international consensus guideline committees, including the European Society for Cardiology, the Heart Failure Society of America, the Canadian Cardiovascular Society, the Canadian Heart Health Strategy and Action Plan, and the Heart Rhythm Society.

Dr. Howlett is currently a member and past Chair of the Canadian Cardiovascular Society Heart Failure Guidelines Committee, a member of the CCS Scientific Program Committee, Heart Failure Key Performance Indicator Working Group, and the 2008 Canadian Heart Health Strategy initiative. He is the current President of the Canadian Heart Failure Society.

“We are delighted that Dr. Howlett is joining our Scientific Advisory Board. His depth of knowledge of cardiology will be invaluable as we progress our research in heart failure. Dr. Howlett’s international experience in clinical trial design and execution will also support our future endeavours in this area,” said David Elsley, President & CEO of Cardiol.

### **About Cardiol Therapeutics**

*Cardiol Therapeutics is a nanotherapeutics company focused on the research and commercial development of proprietary drug formulations for the treatment of heart failure. Heart failure is a chronic condition that affects more than 26 million people globally. Over five million adults in the U.S. suffer from heart failure, and it remains a leading cause of death and hospitalization with*

*associated healthcare costs exceeding \$30 billion annually. People with heart failure experience shortness of breath, fatigue, rapid heart rate, edema, reduced exercise capacity and a marked reduction in quality of life. Approximately half of all heart failure patients have heart failure with preserved ejection fraction (HFpEF), which is often associated with diabetes, obesity and high blood pressure and for which there have been no new therapies developed in over 20 years. Cardiol is developing CTX01, a proprietary nanoformulation of pharmaceutical cannabidiol for the treatment of HFpEF. Cannabidiol has been shown to attenuate cardiac dysfunction in experimental models of diabetic cardiomyopathy and to decrease oxidative stress, fibrosis, and inflammation in other models relevant to HFpEF. CTX01 is designed to optimize and maintain blood levels of cannabidiol and target the drug to areas of inflammation in the heart. Cardiol is also developing CTX02, a proprietary nanoformulation of methotrexate for the treatment of heart failure. Recent experimental data have shown that methotrexate improves cardiac function after acute myocardial infarction and has anti-fibrotic properties.*