

PRESS RELEASE

16 JUNE 2014, 1:00 PM CET

Cardio3 BioSciences Announces a Capital Increase of €25 Million at €44 per share.

- Placement done at an approximately 14% premium to the 30 days average of the Company shares
- New funds primarily to support CHART-2 Phase III Trial
- New investor, Medisun International Limited, a Hong Kong-based investment company intending to build a life science portfolio

Mont-Saint-Guibert, Belgium, - Cardio3 BioSciences (C3BS) (Euronext Brussels and Paris: CARD), a leader in the discovery and development of advanced regenerative therapies for heart disease, today announces a fully committed capital increase of ≤ 25 M in two tranches, at ≤ 44 a share, representing an approximately 14% premium to the last 30 days average price. The first tranche of ≤ 12.5 M is effective today and the second tranche of ≤ 12.5 M, launched today, will complete on June 30 2014. All new shares will be subscribed for by Medisun International Limited, a private holding company based in Hong Kong, intending to build a life science portfolio and with whom Cardio3 BioSciences will team up to create a joint venture aimed at conducting pivotal clinical programs in China.

Medisun International Limited is incorporated in Hong Kong and is a group company of Medisun Holdings Limited (Medisun). As a result of the total investment, Medisun will own approximately 8% of the Company's outstanding shares. The Company has undertaken to propose to its shareholders to appoint the chairman of Medisun International Limited, Mr Danny Wong, as a Director of Cardio3 BioSciences. The nomination will be proposed at its next shareholders meeting.

Medisun has also committed to instruct a financial institution for the purchase of additional shares of Cardio3 BioSciences from existing shareholders for up to €25M over the next 8 months, at a price per share equivalent to the 10 days average preceding the offer(s).

This capital increase is aimed at providing funding for Cardio3 BioSciences to start the U.S. Food and Drug Administration (FDA) approved CHART-2 trial for C-Cure[®]. In addition, the funds will support the Company's pipeline development and other general corporate purposes.

Dr Christian Homsy, CEO of Cardio3 BioSciences, commented: *"I am delighted to announce that we have successfully raised funding for CHART-2, the second phase III program for our most advanced therapy, C-Cure®. It is another great step for our Company and, following the FDA's authorization to start CHART-2 which we received earlier this year, brings us closer to accessing the world's largest*



PRESS RELEASE

16 JUNE 2014, 1:00 PM CET

pharmaceutical market. We look forward to welcoming Medisun as an investor and Mr Wong to our Board."

Mr Danny Wong, Chairman of Medisun Holdings Limited commented: "I am pleased to have this opportunity to be involved in this innovative technology developed by Cardio3 BioSciences. I truly believe that this state-of-the art product will revolutionize the treatment of heart failure which is a serious and urgent unmet medical need. The product is in the advanced stages of development and we are delighted to embrace the chance to progress the clinical development of C-Cure[®] within the US and Asia. We anticipate making a strong contribution to a highly successful involvement with a leader in this field."

The FDA approved CHART-2 is intended to assess, the efficacy of C-Cure[®] as a treatment for heart failure of ischemic origin. CHART-2 is designed as a prospective, multi-center, randomized, sham-controlled, patient- and evaluator-blinded study comparing treatment with C-Cure[®] to a sham treatment. The trial is aimed to recruit a minimum of 240 patients with chronic advanced symptomatic heart failure. The primary endpoint of the trial is the Six Minute Walk Test post-procedure, a commonly used index of cardiovascular performance.

Conference call details

The company will host a conference call on Monday 16 June 2014 at 3:00 pm CET – 2:00 pm UK – 9:00 am EST. The conference call will be held in English.

Dial in numbers: International +44 (0) 1452 555566 / UK 08444933800 / Belgium 081700061 / France 0176742428 / USA 16315107498.

Conference ID: 61483860

Access to the conference call 10 minutes prior to its start time.

*** END ***



PRESS RELEASE

16 JUNE 2014, 1:00 PM CET

For more information contact:

Cardio3 BioSciences Dr Christian Homsy, CEO Anne Portzenheim, Communication Manager

Citigate Dewe Rogerson Chris Gardner www.c3bs.com Tel : +32 10 39 41 00 aportzenheim@c3bs.com

Tel: +44 (0) 207 638 9571

About Medisun Holdings Limited

Medisun International Limited is a Hong Kong registered company and its vision is to improve human health and well-being through the delivery of cutting-edge cell based medicines. Medisun aims to provide innovative cell therapies and advanced biological medicinal products to China and other countries in the Asia Pacific region.

Medisun is committed to quality. The company is built upon strong leadership and management skills with proven competencies that understand the healthcare needs and market of Asia. Medisun's capabilities are underscored by a strong team of technical and clinical specialists within the fields of regenerative medicine and cell based therapies.

About Cardio3 BioSciences

Cardio3 BioSciences is a Belgian leading biotechnology company focused on the discovery and development of regenerative and protective therapies for the treatment of cardiac diseases. The company was founded in 2007 and is based in the Walloon region of Belgium. Cardio3 BioSciences leverages research collaborations in the US and in Europe with Mayo Clinic and the Cardiovascular Centre Aalst, Belgium.

The Company's lead product candidate C-Cure[®] is an innovative pharmaceutical product that is being developed for heart failure indication. C-Cure[®] consists of a patient's own cells that are harvested



16 JUNE 2014, 1:00 PM CET

from the patient's bone marrow and engineered to become new heart muscle. This process is known as Cardiopoiesis.

Cardio3 BioSciences has also developed C-Cath[®]_{ez}, the most technologically advanced injection catheter with superior efficiency of delivery of bio therapeutic agents into the myocardium.

Cardio3 BioSciences' shares are listed on Euronext Brussels and Euronext Paris under the ticker symbol CARD.

C3BS-CQR-1, C-Cure, C-Cath, Cardio3 BioSciences and the Cardio3 BioSciences and C-Cath logos are trademarks or registered trademarks of Cardio3 BioSciences SA, in Belgium, other countries, or both. Mayo Clinic holds equity in Cardio3 BioSciences as a result of intellectual property licensed to the company. In addition to historical facts or statements of current condition, this press release contains forward-looking statements, which reflect our current expectations and projections about future events, and involve certain known and unknown risks, uncertainties and assumptions that could cause actual results or events to differ materially from those expressed or implied by the forward-looking statements. These risks, uncertainties and assumptions could adversely affect the outcome and financial effects of the plans and events described herein. These forward-looking statements are further qualified by important factors, which could cause actual results to differ materially from those in the forward-looking statements, including timely submission and approval of anticipated regulatory filings; the successful initiation and completion of regulatory and other requirements; and actions of regulatory bodies and other governmental authorities.