

Recent News

Arthur Higgins, CEO of Bayer HealthCare, Joins RVX Board of Directors

On February 1, 2010 Resverlogix announced that the Board of Directors elected Arthur J. Higgins, CEO of Bayer HealthCare and Chairman of the Bayer HealthCare Executive Committee, to the Board effective February 1, 2010. Mr. Higgins joined Bayer in 2004 as Chairman of the Bayer HealthCare Executive Committee and in 2006 was named Chairman of the Board of Management of Bayer HealthCare. Mr. Higgins has played a key role in driving the success of Bayer HealthCare through a combination of strong organic growth and key acquisitions, including the €17 billion acquisition of the German pharmaceutical company, Schering AG, in 2006.

Second Tranche Financing Totals \$13 Million

January 28, 2010 it was announced by Resverlogix that it had completed a CDN \$8 million second tranche of its equity private placement announced on December 23, 2009. Under the terms and conditions of the private placement, Resverlogix issued units (the "Units") at a price of \$2.50 per Unit, with each Unit comprising of one common share (a "Common Share") and one quarter of a warrant. This second tranche, together with the first tranche that closed on December 18, 2009, brings the total proceeds of the financing to CDN \$13 million.

Resverlogix Eliminates Debt

Resverlogix announced on January 7, 2010 that it has completed the previously announced redemption of the outstanding convertible notes 2.5 years prior to maturity. A total of US \$6.728 million of convertible debt, due June 6, 2012, has been redeemed.

Phase II Trial for Atherosclerosis Begins

On December 22, 2009 Resverlogix announced that it had begun dosing patients in its US Phase 2 clinical trial lead by Cleveland Clinic. This trial will examine RVX-208, Resverlogix's oral small molecule therapy for the treatment of atherosclerosis, in patients with stable coronary artery disease (CAD). This study is chaired by Dr. Steven Nissen, MD, Chairman of the Cleveland Clinic Department of Cardiovascular Medicine and the principal investigator is Dr. Stephen Nicholls, Medical Director of Intravascular Ultrasound at Cleveland Clinic.

Resverlogix Corp. trades on the Toronto Stock Exchange under the symbol 'RVX'

www.resverlogix.com

Upcoming Conferences

BIO-CEO & Investor Conference February 8-9, New York, NY.
Resverlogix is presenting on Monday, February 8th at 4:00 pm EST.

Watch the webcast at:

<http://www.veracast.com/webcasts/bio/ceoinvestor2010/97114448.cfm>

Bio Europe Spring March 8-10, Barcelona, Spain.

American College of Cardiology Annual Scientific Meetings, March 14-16, Atlanta, GA.

Arteriosclerosis, Thrombosis and Vascular Biology 2010 Scientific Sessions, April 8 –10, San Francisco, CA.

Rodman & Renshaw Global Investment conference May 15-19, London, England.

BIO Equity Europe, May 19-20, 2010, Zurich, Switzerland.

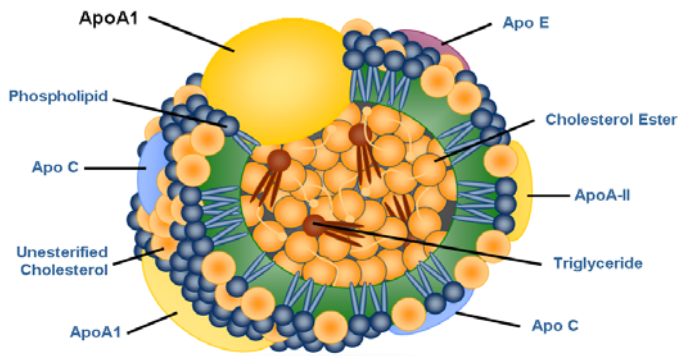
IAS HDL Forum, May 17-21, Whistler, B.C.

Market Opportunity

CVD is the leading killer of men and women in the industrialized world with over 18 million deaths reported in 2005 (WHO). One person will die every 30 seconds from CVD in the United States alone. The American Heart Association estimates that in 2007 roughly 80 million adults in the United States have one or more types of CVD. Drugs for the treatment of cardiovascular disease represent the largest pharmaceutical market opportunity in the world at US \$30-50 billion annually. There exists a huge unmet medical need for new cardiovascular therapies. Future estimates indicate that CVD mortality will increase by 90% by the year 2020 versus rates in 1990. The American Heart Association estimates the direct and indirect costs of CVD in the United States alone for 2007 are US \$431.8 billion.

About Resverlogix

Resverlogix Corp. (Toronto Stock Exchange: RVX) is a Canadian biotechnology company with a world lead in developing a new class of drugs for cardiovascular disease (CVD). **NexVas™ Plaque Regression** (NexVas PR), is a novel technology platform with drugs that increase apolipoprotein A-I (ApoA-I) to reduce atherosclerosis (fatty plaque build-up in the arteries), which is the leading cause of CVD. ApoA-I is the key protective protein of high density lipoprotein (HDL), commonly known as the "good cholesterol". Current drugs on the market only manage atherosclerosis burden but they have very limited or no effect on atherosclerosis regression. NexVas PR aims to manage and regress atherosclerosis. Resverlogix's lead ApoA-I drug **RVX-208** completed a Phase 1b/2a human clinical trial. The Phase 2 Dose Ranging trial has commenced and the Phase 2 Pilot IVUS trial will commence shortly. The NexVas PR proprietary small molecule library also has potential in other therapeutic areas, including inflammatory diseases and Alzheimer's disease.



HDL Molecule

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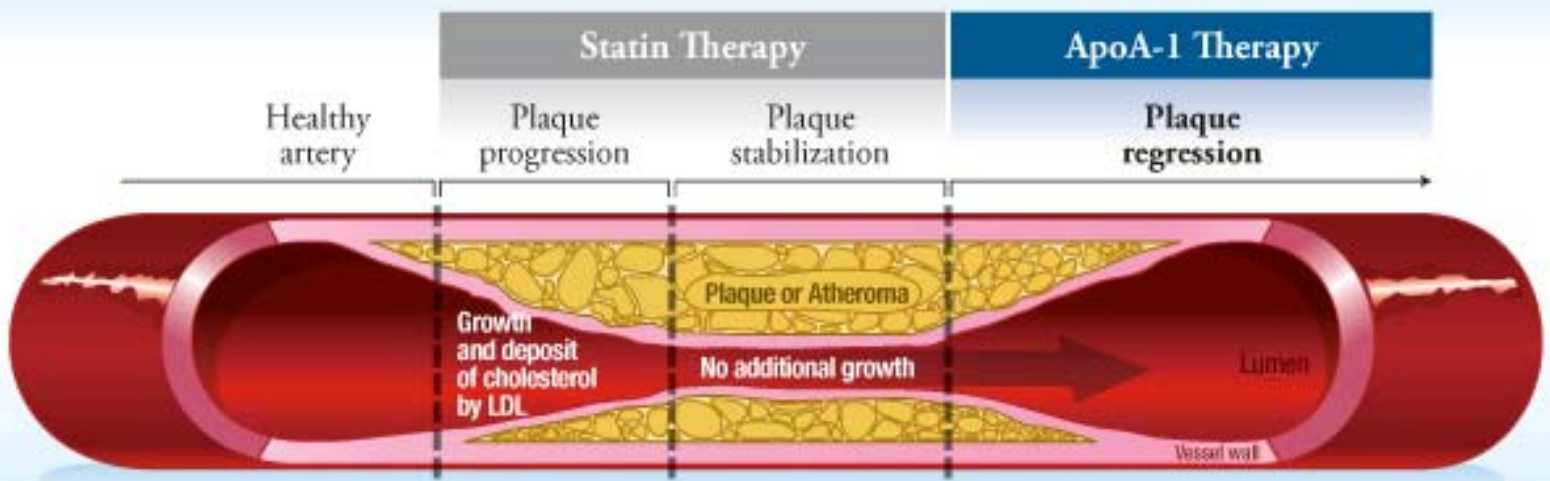
Fact Sheet February 2010

About Atherosclerosis and ApoA-I

According to the World Health Organization, one person will die every 30 seconds from cardiovascular disease (CVD) in the United States alone. Atherosclerosis results from the build-up of fat and cholesterol in the artery wall, leading to a plaque that causes narrowing and hardening of the arteries, resulting in a loss of elasticity and function. Atherosclerosis is the underlying cause of CVD. ApoA-I is the key protein in high-density lipoprotein (HDL) also known as the “good cholesterol”. The beneficial role of ApoA-I continues to be established by demonstrating both the ability of reverse cholesterol transport (RCT) of arterial plaque and reduction of CVD risk. Thereby ApoA-I has secured the moniker, “the cardio-protective protein.” There is now a major paradigm shift in research and development of novel therapeutics that focus on ApoA-I production for the future management of CVD and atherosclerosis.

Resverlogix continues to build upon its world lead in this novel area of drug development. Current drugs on the market only manage atherosclerosis burden but they have very limited or no effect on atherosclerosis regression. NexVas PR aims to manage and regress atherosclerosis.

ATHEROSCLEROSIS DEVELOPMENT IN AN ARTERY



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