

For Immediate Release

TSX Exchange Symbol: RVX

## Resverlogix Advances to Second Arm of Phase 1b/2a Clinical Trial

Calgary, AB October 21, 2008 – Resverlogix Corp. (“Resverlogix”) (TSX:RVX) announced today that the ongoing double blind placebo controlled Phase 1b/2a study in subjects with normal and low HDL is progressing as planned. The subjects in the first group receiving a low dose of RVX-208 show safety and tolerability. Thus the safety committee has made a decision to commence the next cohort in which 24 subjects will receive treatment doses escalating each week, for a total of 4 weeks.

Donald J. McCaffrey, President and CEO of Resverlogix stated, “We are very pleased to be able to share this exciting clinical information with the Clinical Advisory Board at the American Heart Association meeting on November 8<sup>th</sup>.”

Resverlogix will give an oral presentation during the American Heart Association Scientific Sessions meeting in November 2008 where the Company will present novel data for RVX-208 to attendees. Due to the nature of double blinded clinical trials and strict embargo rules set by the American Heart Association, data from this Phase 1b/2a clinical trial will not be presented in full until the completion of the trial.

### About RVX-208

RVX-208, a novel small molecule therapeutic that facilitates endogenous ApoA-I production, is positioned to be one of the most promising emerging drugs in the treatment of atherosclerosis. To the Company’s knowledge RVX-208 is the only novel small molecule that is specifically designed to increase ApoA-I production and thereby raise HDL levels thus enhancing HDL functionality to augment reverse cholesterol transport (RCT).

RCT is a pathway by which accumulated cholesterol is transported from the arterial wall to the liver for excretion, thus preventing atherosclerosis. Major constituents of RCT include acceptors such as high-density lipoprotein (HDL) and apolipoprotein A-I (ApoA-I). A critical part of RCT is cholesterol efflux, in which accumulated cholesterol is removed from macrophages.

### About Resverlogix Corp.

Resverlogix Corp. is a leading biotechnology company engaged in the development of novel therapies for important global medical markets with significant unmet needs. The NexVas™ program is the Company’s primary focus which is to develop novel small molecules that enhance ApoA-I. These vital therapies address the grievous burden of atherosclerosis and other important diseases such as acute coronary syndrome, diabetes, Alzheimer’s disease and other vascular disorders. The Company’s secondary focus is TGF-Beta Shield™, a program that aims to address burgeoning grievous diseases, such as cancer and fibrosis. Resverlogix Corp. trades on the Toronto Stock Exchange (TSX:RVX). For further information please visit [www.resverlogix.com](http://www.resverlogix.com).

*This news release may contain certain forward-looking statements that reflect the current views and/or expectations of Resverlogix Corp. with respect to its performance, business and future events. Such statements are subject to a number of risks, uncertainties and assumptions. Actual results and events may vary significantly. The TSX Exchange does not accept responsibility for the adequacy or accuracy of this news release.*

**For further information please contact:**

Theresa Kennedy  
VP, Corporate Communications  
Resverlogix Corp.  
Phone: 604-538-7072  
Fax: 403-256-8495  
Email: Theresa@resverlogix.com

Sarah Zapotichny  
Manager Investor Relations  
Resverlogix Corp.  
Phone: 403-254-9252  
Fax: 403-256-8495  
Email: Sarah@resverlogix.com

Website: [www.resverlogix.com](http://www.resverlogix.com)