

# CV network

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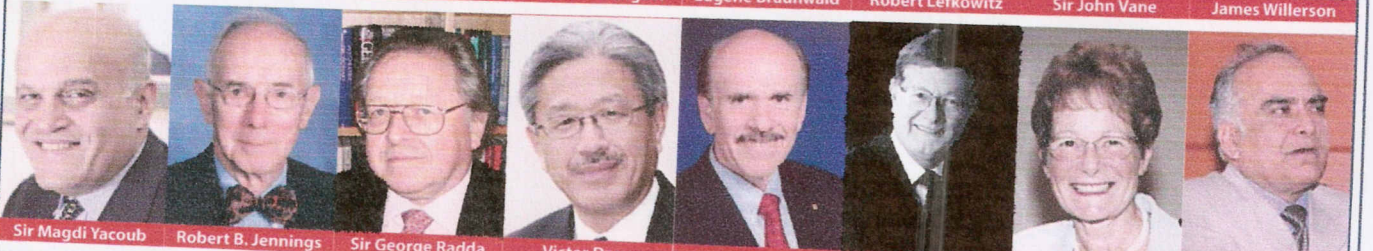
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## Recipients of the Academy's most prestigious Medal of Merit for Outstanding Achievements in Cardiovascular Education & Research



Michael DeBakey    Richard Bing    Edwin Krebs    Robert Furchgott    Eugene Braunwald    Robert Lefkowitz    Sir John Vane    James Willerson



Sir Magdi Yacoub    Robert B. Jennings    Sir George Radda    Victor Dzau    Louis Ignarro    Sen. Wilbert Keon    Jutta Schaper    Nirmal Ganguly



Sir Salvador Moncada    Wolfgang Schaper    Howard Morgan    Ernesto Carafoli    Eric Olson    Arnold M. Katz    Laszlo Szekeres

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# 1st International Symposium on Industry-Academia Interaction in Biotechnology & Drug Discovery

by Ajit Srivastava Churchville, USA



The society of learning, education, and rehabilitation for needy (S-LEARN) and Clonogen Biotechnology, Noida, organized the 1st International Symposium on Industry-academia interaction in advanced biotechnology and drug discovery at the premises of Clonogen Biotechnology during Nov 22-23, 2010. Dr Ajit Srivastava, Executive Director, Esperion Therapeutics, USA served as the organizing secretary, who also gave an state-of-the-art lecture on the unmet medical need of patients who have metabolic syndrome, characterized by insulin resistance, low HDL and high triglycerides. The incidence of diabetes in India is increasing at an alarming rate and the diabetic patients are at greater risks of developing cardiovascular disease. The focus of the symposium was on diabetes and cardiovascular diseases and ways to discover new chemical entity for the treatment of diseases.

Dr Ajit Srivastava's presentation focused on the ways to enhance the removal process of cholesterol from the body by raising functional HDL. Many renowned and accomplished professors, scientists and successful entrepreneurs from the US, Canada, and India presented cutting edge science and tips to how to apply science and technology to help society through entrepreneurial efforts. Some of the notable presentations were keynote address by Dr Mahmood Hussain, Professor at State University of New York, USA who talked about how the main metabolic organ of our body, liver, regulates lipid metabolism. He described some of the studies from his recently published work in a renowned journal Cell Metabolism. Professor Pramod Rath from JNU, talked about how inflammation triggers and promotes lipid deposition in the arterial wall and causes heart disease. Prof DK Srivastava from the North Dakota University, USA talked about novel ways for the targeted delivery of drug to treat cancer and other chronic diseases by making use of modified enzymes. Prof Khosrow Adeli, from The University of Toronto, Canada gave an excellent presentation how the consumption of fructose-rich drinks like coke has contributed to the increases in the incidence of insulin resistance, diabetes, and obesity. He discussed the dysregulation of the pathways that leads to this derangement. Dr Kalyan Handuque, founder of Handy-Lab, USA, and now Vice President BD Diagnostics, USA, gave an inspirational talk on "An Entrepreneurial Journey into Biotech: The HandyLab Experience".

An excellent presentation was given by Dr Roger Newton, President and CEO, Esperion Therapeutics, USA. Dr Newton is a co-discoverer of Lipitor, a drug that lower cholesterol and has helped hundreds of millions of patients around the world and sells for \$12 billion every year. Dr Newton also started a new company that focused on a novel approach of regressing arterial lipids when a formulated HDL is infused into patients with lipid deposition in the arteries. Dr Newton's talk was well received by the audience, and students participating in this symposium had great time interacting with those who were present to give their talk and also with those who presented through web-based video.

The most notable presentation among students who presented was from the youngest presenter, Nishtha Srivastava, a high school student from the USA, who talked about the mechanism of apoptosis in cancer cells by natural products, curcumin, the main ingredient of turmeric, and quercetin, found in apple and onion skins. The 2nd Symposium will be held next year around same time and will be organized for a wider audience.

