

CSCC Award for Research Excellence

Sponsored by Ortho Clinical Canada Inc.

Sudesh C. Vasdev

Sudesh Vasdev is currently Professor of Biochemistry, Faculty of Medicine, Memorial University of Newfoundland and Director of the Renal Laboratory, Health Care Corporation of St. John's, St. John's, Newfoundland.

Dr. Vasdev was born in India and received his B.Sc. Hons and M.Sc. Hons from Punjab University. He also received a Doctor of Veterinary Medicine from Punjab Agriculture University in 1964. In 1974, he received the Ph.D. degree in Biochemistry from the Postgraduate Institute of Medical Education and Research, Chandigarh, India. He has been a long time member of the Canadian Society of Clinical Chemists.

Dr. Vasdev has published over 95 papers in prominent international journals and has presented more than 120 abstracts at major national and international congresses to date.

Sudesh is an *ad hoc* reviewer for several leading publications including *Clinical Chemistry*, *Clinical Science*, *Journal of Nutrition*, *Molecular and Cellular Biochemistry*, *American Heart Journal* and *the International Journal of Experimental Diabetes Research*.

Dr. Vasdev serves as an external referee for several organizations including the Canadian Liver Foundation, Canadian Diabetes Foundation, Heart and Stroke Foundation, etc.

He has been principal investigator on several research grants from national funding agencies in Canada from 1983 to the present and co-investigator on many other grants.

Dr. Vasdev research contributions have been in several areas including the following:

1. Aldehydes as the cause of hypertension in various animal models
2. Non-pharmacologic approach to preventing hypertension
3. Mechanism of hypertension and myocardial lesions due to chronic ethanol intake
4. Oral heparin and blood pressure
5. Digitalis like factors (DLFs) in human plasma – This last area is probably best known in the Clinical Chemistry community. This group was the first to report on some of the DLFs in healthy and dialysis dependent patients and also in essential hypertension. They also reported that DLFs interfere with immunoassays for digoxin in human plasma and umbilical cord blood.

Dr. Sudesh Vasdev is an internationally renowned biochemist and a very worthy recipient of the 2005 CSCC Award for Research Excellence. On behalf of the Canadian Society of Clinical Chemists, I wish him continued success in his future academic and research activities. Congratulations, Sudesh!