



Prof. Lorrie A. Kirshenbaum, MD, PhD
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Dr. Lorrie A. Kirshenbaum is Director of the Institute of Cardiovascular Sciences (ICS) at the St. Boniface Hospital Albrechtsen Research Centre, Canada Research Chair in Molecular Cardiology, Professor and Division Head of Cardiovascular Science and Disease, Department of Physiology and Pathophysiology at the Rady Faculty of Health Sciences at the University of Manitoba.

A major focus of Dr. Kirshenbaum's laboratory is directed toward understanding the molecular pathways that underlie sex specific difference in heart failure. Dr. Kirshenbaum is investigating mechanisms that regulate cellular quality control mechanisms in heart, a process known as "autophagy" with a focus on mitochondrial metabolism. Dr. Kirshenbaum's major contributions include discovery of the Bcl-2 family protein Bnip3 and its role in the development of heart failure after heart attack.

Dr. Kirshenbaum serves on many journal editorial boards and international committees, as well as national and international peer review grant panels including Canadian Institutes of Health Research, Heart and Stroke Foundation of Canada, American Heart Association and has served as the chair of the National Institute of Health and Centre for Scientific Advancement Study Section in the United States.