

Research Centers in Minority Institutions (UTSA)  
Institute for Integration of Medicine and Science (UTHSCSA)  
Cancer Therapy & Research Center (UTHSCSA) &  
UTSA-UTHSCSA Joint Graduate Program in Biomedical Engineering  
invite you to attend

## Seminars in Translational Research

*"Building the Capacity for Translational Research"*

### **Bruce McManus, MD, PhD**

Professor, Department of Pathology and Laboratory Medicine,  
University of British Columbia

Director, Providence Heart + Lung Institute at St. Paul's Hospital

Director, PROOF Centre of Excellence for Commercialization and Research

Director, The James Hogg iCAPTURE Centre for Cardiovascular and Pulmonary Research

## **Molecular Bio-Signatures along the Life Cycle of Failing Hearts and Lungs**

Wednesday, February 15, 2012

4:00 — 5:00 PM

UTHSCSA, 309L, Medical Building

**Refreshments will be served**

For more information, contact Tapashya Ghosh / Division of Nephrology  
streich@uthscsa.edu . (210) 567-4700 . <http://translationalseminars.utsa.edu>