

# Manitoba Neuroscience Network

Friday, September 28, 2012 | 9:00 - 10:00 am



## Dr. Grant Hatch

Professor - Departments of Pharmacology and Therapeutics & Biochemistry and Medical Genetics | Canada Research Chair in Molecular Cardiolipin Metabolism | Director of the Lipid Lipoprotein and Atherosclerosis Research Group (LLARG) | Director of the Centre for Research and Treatment of Atherosclerosis

**TOPIC:** “Fatty acid transport across human brain microvessel endothelial cells: A unique role for arachidonic acid.”

**Location:** PX236/238 Psychiatry Bldg., Bannatyne Campus

### Short Biosketch:

B.Sc. 4Yr U of Winnipeg; M.Sc. Biochemistry U of Saskatchewan; Ph.D. Biochemistry U Of Manitoba; Postdoctoral Fellow Biochemistry U of Alberta

Dr. Hatch was prairie born and prairie educated, having received his B.Sc. from the University of Winnipeg, his M.Sc. from the University of Saskatchewan, and his PhD from the University of Manitoba in 1989. He then went to the University of Alberta for a Post Doctoral Fellowship, which he completed in 1992. He then came to the University of Manitoba to assume the post of Assistant Professor. He rose through the ranks to become Professor in 2002. He became a Tier 1 Canada Research Chair in 2006. Hatch has won numerous career awards from the Manitoba Health Research Council, Heart and Stroke Foundation of Canada, Canadian Institutes of Health Research and the University of Manitoba, and he has published over 100 refereed articles, reviews and book chapters. Hatch relocated his laboratory to MICH in June 2011 and is looking forward to fruitful and productive collaborations with the MICH community.

Studies on the regulation of phospholipid and lipid & lipoprotein metabolism with a focus on the childhood diseases Barth Syndrome & Persistent Pulmonary Hypertension of the Newborn.

Dr. Hatch's laboratory is studying whether increasing the cells ability to remodel cardiolipin will aid in the treatment of Barth Syndrome, a rare genetic disease that weakens the heart. He and his colleagues are guided by the belief that their work may lead to new therapies to treat a range of diseases and disorders from Barth Syndrome to heart failure. A few years ago Hatch received a small grant from the Children's Hospital Foundation and subsequently a MICH grant to study Barth Syndrome. Based upon the foundation of these grants he published several papers on Barth Syndrome and was subsequently successful in obtaining several grants from the Barth Syndrome Foundation USA and most recently a five year grant from the Canadian Institutes of Health Research to continue with his studies.

An initiative of:

For more information, contact the MNN Office at  
(T) 235.3939 or email: [mnn@sbrc.ca](mailto:mnn@sbrc.ca)

Presented in co-operation with University of Manitoba  
Clinical Neuroscience Rounds

  
SOCIETY FOR NEUROSCIENCE  
WINNIPEG CHAPTER