Weekly Colloquium
Tuesday, 4/24/2018, 12:30pm, Billings Building – Rosedale Conference Room

“Intrinsic mechanisms for cerebral ischemic tolerance”

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My main research expertise is in the area of cerebral ischemia, which results from cardiac arrest or a stroke. My research focuses on the areas of synaptic, vascular and mitochondrial dysfunction that ensue following cerebral ischemia. Over the last 22 years, my laboratory has investigated the signaling pathways that lead to neuroprotection against ischemia following ischemic preconditioning (IPC). Another major emphasis has been our work in cardiac arrest and its devastating effect on hippocampal pathology. Our overall goal is to develop new therapies for pre- and post-treatment in stroke and cardiac arrest patients.

Publications:
