

DIABETES AND METABOLISM SEMINAR SERIES



Diabetes and Atherosclerosis – Insights Gained From Mouse Models

Karin Bornfeldt, PhD

Professor of Medicine and Pathology
Associate Director, Diabetes and Obesity Center of Excellence
Deputy Director, Diabetes Research Center
University of Washington

**Wednesday
December 3, 2014**

**4:00 - 5:00pm
Orin Smith Auditorium
SLU Campus
850 Republican Street**

Dr. Bornfeldt's laboratory is devoted to the discovery of cellular and molecular mechanisms of cardiovascular complications associated with diabetes and obesity. Work in her laboratory has led to the development of new mouse models of diabetes-accelerated atherosclerosis. Recently, her laboratory has been interested in the role of fatty acid-derived acyl-CoAs in diabetes-accelerated atherosclerosis and inflammation, the effects of glucose in macrophages, smooth muscle cells and endothelial cells, and the role of the protein S100A9 in insulin resistance and atherosclerosis in mice.

She is Associate Director of the Diabetes and Obesity Center of Excellence, and Deputy Director of the Diabetes Research Center (DRC) at the University of Washington for which she also directs a core facility (the Viral Vector and Transgenic Mouse Core), and she is Co-Director of a T32 training grant in Nutrition, Obesity and Atherosclerosis. She serves as Associate Editor for Circulation Research, Consulting Editor for Arteriosclerosis, Thrombosis and Vascular Biology, and has served on the editorial boards of the Journal of Clinical Investigation, Diabetes, and the Journal of Biological Chemistry.



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