Owen McGuinness, Ph.D.

Professor, Molecular Physiology and Biophysics
Director, Metabolic Patho-Physiology Core of the MMPC
Vanderbilt University School of Medicine, Nashville, TN

“Impact of inflammatory stress on glucose metabolism and insulin action in vivo”

Dr. McGuinness’ lab “is focused on understanding the mechanism(s) responsible for dysregulated glucose metabolism in muscle and liver during both acute and chronic inflammatory stress. We have observed that the excess glucagon secretion present during inflammatory stress impairs the ability of insulin to chronically regulate liver glucose uptake. Additional studies examining suggest that in vivo factors other than alterations insulin signaling play a central role in muscle insulin resistance following an acute inflammatory stress.”

Thursday, May 12, 2011
HSEB Room 3515B
2:00PM – 3:00PM

Hosted by Dr. Florian Solzbacher – Ph: (801) 587-3917