DIABETES AND METABOLISM SEMINAR SERIES

Islet β Cell Dysfunction in Diabetes: Too Much Hyp(e)?

Raghu Mirmira, MD, PhD
Eli Lilly Professor in Pediatric Diabetes
Director, Diabetes Center
Professor of Pediatrics and Medicine
Indiana University School of Medicine

Wednesday
December 17, 2014

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

Dr. Mirmira's laboratory focuses on the regulation of gene transcription during pancreatic islet development, function, and survival. Currently his laboratory is investigating 1) the role of homeodomain transcription factors, basic helix-loop-helix transcription factors, and PPAR-gamma during the development of islets and the pathogenesis of islet dysfunction in type 1 and type 2 diabetes; 2) the interrelationships between chromatin structure and gene transcription in the mature islet; and 3) the role of post-transcriptional mechanisms in cytokine-mediated islet dysfunction.
Dr. Mirmira's laboratory has also engaged in translational work that would bring new therapies into the clinic to treat patients with diabetes including bench and bedside testing of new inhibitors of the islet inflammatory intermediates and proteomics-based approaches to discovering biomarkers that identify or predict the occurrence of microvascular complications in patients with diabetes.

Diabetes Research Center
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