Fifth Annual Meeting

Diabetes and Metabolic Syndrome: Pathophysiological Consequences

Puerto Rico PHYSIOLOGICAL SOCIETY

APS Chapter EST. 2009

Medical Sciences Campus, University of Puerto Rico, San Juan, PR
February 6, 201

Amphitheater 1, 3rd floor, Medical School Building
Program (tentative)

7:45-8:40 AM  Registration and breakfast

8:40-9:00 AM  Welcome Remarks
   - Noel J. Aymat, DMD, Chancellor, UPR Medical Sciences Campus
   - Edgar Colon, MD, Dean, UPR School of Medicine
   - Guido E. Santacana, PhD, President PR Physiological Society-APS Chapter

9:00-9:50 AM  Decreased Exercise Capacity in Diabetes: Why do we care? What can we do?
   Jane Reusch, MD. Departments of Medicine, and Biochemistry, University of Colorado Denver

9:50-10:10 AM  Statins: a novel therapeutic approach to reduce cardiovascular risk in diabetes
   Maria Crespo, PhD. Department of Physiology, University of Puerto Rico School of Medicine

10:10-10:30 AM  Break

10:30-11:20 AM  The role of mitochondrial calcium in regulating cardiac metabolism and cell death
   Elizabeth Murphy, PhD. Cardiac Physiology Section, Systems Biology Center, NIH Heart, Lung and Blood Institute

11:20-11:40 AM  Metabolic syndrome in Puerto Rico: role of vitamin D
   Cristina Palacios, PhD. Graduate School of Public Health, University of Puerto Rico Medical Sciences Campus

11:40-1:00 PM  Lunch

1:00-1:20 PM  Why Puerto Rico is especially vulnerable to the metabolic syndrome
   Alan Preston, PhD. Department of Biochemistry, University of Puerto Rico School of Medicine

1:20-2:00 PM  Diabetes and metabolic syndrome in Puerto Rican adults in Massachusetts: The Puerto Rican Health Study
   Katherine Tucker, PhD. Department of Clinical Laboratory and Nutritional Sciences, University of Massachusetts Lowell

2:00-2:10 PM  Break

2:10-2:30 PM  Soluble insulin receptor dysfunction and cognitive impairment in HIV-infected patients
   Yamil Gerena, PhD. School of Pharmacy, University of Puerto Rico Medical Sciences Campus

2:30-2:50 PM  The role of genetics in translational research
   Sherly Pardo-Reoyo, MD. Department of Biochemistry, University of Puerto Rico School of Medicine

2:50-4:10 PM  Poster Sessions

4:10-4:30 PM  Guido E. Santacana, PRPS President’s Report

4:30-5:00 PM  Awards and Closing Remarks