

5th WORLD CONGRESS PROGRAM

WEDNESDAY, OCTOBER 10, 2007

11:00am – 9:00pm **Early Registration** ♦ Boston Marriott Newton, MA

1:00am – 6:00pm

Pre-Congress Meeting

Insulin Resistance and the Liver

Nonalcoholic Fatty Liver Disease

In association with the **5th WCIRS**



THURSDAY, OCTOBER 11, 2007

7:00am – 8:00am **Registration** ♦ **Continental Breakfast at Exhibit Hall**

8:00am Welcome & Introduction

Yehuda Handelsman, MD, Chair
Richard Hellman, MD, AACE President

SESSION I

Chair: **Richard Hellman, MD**

8:15am Models of Insulin resistance
9:00am Inflammation & Insulin Resistance
9:40am PPARs in Inflammation and Atherosclerosis

C. Ronald Kahn, MD
Steven Shoelson, MD, PhD
Jorge Plutzky, MD

10:20am-10:50am **Refreshment Break at Exhibit Hall**

SESSION II

Chair: **Helena W. Rodbard, MD**

10:50am Insulin Resistance – Is It Clinical?
11:10am Insulin Resistance and Cancer
11:50am Insulin Resistance and the Brain:
CNS Inflammation and Microvascular Disease Increase Dementia Risk

Yehuda Handelsman, MD,
Ivan George Fantus, MD

Suzanne Craft, PhD

12:30pm-1:45pm **LUNCH (on your own)**

SESSION III

Chair: **Gerald M. Reaven, MD**

1:45pm Mitochondrial Dysfunction and Insulin Resistance
2:30pm Endothelial Cell Insulin Resistance: An Early Target in a Progressive Systemic Disorder?

Gerald I. Shulman, MD PhD

3:10pm Insulin Resistance and Metabolic Syndrome – the Kidney Culprit and Victim?

Mark Kearney, MD
Eberhard Ritz, MD

3:50pm-4:15pm **Refreshment Break at Exhibit Hall**

4:15pm – 5:30pm CASE BASED - CONCURRENT WORKSHOPS

DRUG INDUCED INSULIN RESISTANCE

Jaime A. Davidson, MD

DIABETES AS CARDIOVASCULAR DISEASE

Yehuda Handelsman, MD

LIPID DISORDERS

Paul S. Jellinger, MD
Sander J. Robins, MD
Mark Kearney, MD, MBChB, MRCP, DM

OBESITY, INSULIN RESISTANCE & CARDIOVASCULAR CONNECTION

Helena W. Rodbard, MD
Robert Chilton, DO

5:30pm-7:00pm **Reception and Poster Presentation at Exhibit Hall**

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FRIDAY, OCTOBER 12, 2007

7:00am Registration ♦ Continental Breakfast at Exhibit Hall

8:00am Summary of First day

Helena W. Rodbard, MD

SESSION IV

Chair: Paul S. Jellinger, MD

8:10am Insulin Resistance of Human Protein Metabolism:
a Fellow Traveler in Many Insulin Resistant States

Errol B. Marliss, MD

8:55am HDL and insulin resistant states: Obesity,
the 'Metabolic Syndrome' and Type 2 diabetes

Gary F. Lewis, MD

9:35am Altered Fibrinolysis, Coagulation, and Platelet
Reactivity Associated with Insulin Resistance

Burton E. Sobel, MD

10:15am-10:45am Refreshment Break at Exhibit Hall

SESSION V

Chair: Yehuda Handelsman, MD

10:45am-11:35am Why a Cluster is Really a Cluster: Insulin Resistance,
Hyperinsulinemia, and Cardiovascular Disease

Gerald M. Reaven, MD

11:40am – 12:40pm

MEET THE PROFESSOR

□ Gerald M. Reaven, MD □ Peter J. Grant, MD □ Ralph A. DeFronzo, MD

12:40pm – 1:45pm LUNCH (on your own)

SESSION VI

Chair: Sir George Alberti, MD

1:45pm Insulin Resistance and Heart Failure

Erik Ingelsson, MD, PhD

2:25pm Metabolic Mechanisms of the Failing Heart in Insulin Resistance

Robert J. Chilton, DO

INSULIN RESISTANCE IN PEDIATRICS

Chair Alan R. Sinaiko, MD ♦ Sonia Caprio, MD

3:05pm Obesity, the Metabolic Syndrome and Cardiovascular Risk

Sonia Caprio, MD

3:30pm Developmental Origins of Obesity and Its Consequences

Matthew W. Gillman, MD, SM

3:55pm - 4:25pm Refreshment Break at Exhibit Hall

4:25pm Insulin Resistance, abdominal obesity & the metabolic syndrome -
in youth: does ethnicity matter?

Silva A. Arslanian, MD

4:50pm Tracking of Cardiovascular Risk from Childhood to Adulthood

Gerald Berenson, MD

5:15pm Insulin Resistance vs. Fasting Insulin as Indicators of Cardiovascular Risk

Alan R. Sinaiko, MD

5:40pm - 6:00pm Question & Answer Panel Discussion

6:00pm

ABSTRACTS – ORAL PRESENTATIONS

Chair Phillip Levy, MD ♦ Earl Ford, MD, MPH

Oral presentations & awards to winning abstracts

Refreshments will be served during this session

SATURDAY, OCTOBER 13, 2007

8:00am Summary of Second day

Helena W. Rodbard, MD

SESSION VII

Chair: Rhoda H. Cobin, MD

8:10am Circadian Rhythms, Insulin Resistance and Cardiovascular Risk

Peter J. Grant, MD

8:50am The Obese Patient- How to Identify the High-risk Patient and Intervene Early

Tracy L. McLaughlin, MD, MS

9:30am The Relative impact of Fitness and Fatness on the Development of Insulin Resistance and Type 2 Diabetes

Frank Hu, MD, PhD

10:10am -10:40am Refreshment Break at Exhibit Hall

SESSION VIII

Chair: Jaime A. Davidson, MD

10:40am Metabolic Syndrome and the Insulin Resistance Syndrome: Storm in a Teacup?

Sir George Alberti, MD

11:20am Insulin Resistance and CVD Epidemiology

Peter W.F. Wilson, MD

12:00pm – 1:00pm LUNCH (on your own)

SESSION IX

Chair: Peter J. Grant, MD

1:00pm Point/Counterpoint – PCOS

Metformin, Clomiphene & Ovulation-which is better?

John E. Nestler, MD ♦ TBA

1:40pm-1:50pm Question & Answer Panel Discussion

1:50pm

AWARD PRESENTATION

Ralph A. DeFronzo, MD –

"Distinguished Leader in Insulin Resistance"



Lipototoxicity, Insulin Resistance, and Cardiovascular Disease

Ralph A. DeFronzo, MD

ROLE OF ADIPOGENESIS AND THE ADIPOSE CELL IN INSULIN RESISTANCE

Chair: Samuel W. Cushman, PhD

2:50pm Obesity and Insulin Resistance: From Bedside to Bench

Tracy L. McLaughlin, MD, MS

3:25pm Dysfunctional Adipogenesis

Samuel W. Cushman, PhD

4:00pm Novel Insights into the Pathogenesis of Type 2 Diabetes and the Metabolic Syndrome

Barbara B. Kahn, MD

Potential Role for Retinol Binding Protein 4

4:45pm – 5:00 pm Question & Answer Panel Discussion

5:00pm Congress Adjourn