



European Group for the Study of Insulin Resistance
EGIR Annual Meeting 2010

“Lipids, Inflammation and IR at the cross-roads of CVD”
Mallorca, Spain
program

PROGRAMME

Hotel Hipocampo Palace – Majorca, Baleares, Spain

Wednesday, 2 June

- 16:00 Registration and coffee
16:30 Welcome from EGIR Chairman *Alain Golay, Geneva*,
16:35 Introduction to EGIR and RECAVA joint meeting Mallorca 2010
Rafael Gabriel and Francisco Fernández-Avilés, Madrid

Chair: Andrea Natali

Invited lecture

- 16:45 *Walter Gall, North Carolina, USA*
“ α -Hydroxybutyrate is an early marker of insulin resistance and reduces mitochondrial ATP synthesis in human muscle”

Abstract session 1

Chair: Beverley Balkau, Paris

- 17:30 “How long the metabolically normal obese remain normal?”, *Zoltan Pataky, Geneva*
17:45 “Effect of toga on insulin sensitivity and secretion”, *Laura Leccesi, Rome*
18:00 “Insulin sensitivity and secretion of overweight and obese children either breast or formula fed”,
Melania Manco, Rome
19:30 Social Program

Thursday, 3 June

Chair: Jacqueline Dekker, Amsterdam

Invited lecture

- 08:30: *Jose Manuel Fernández del Real, Girona*
“Markers of Innate Immunity and Insulin Resistance”,

Abstract session 2

Chair: Jaakko Tuomilehto, Helsinki

- 09:15 “Eplerenone treatment in the experimental type-2 Diabetic heart”, *Oscar Lorenzo, Madrid*
09:30 “Low predictive value for cardiovascular events in asymptomatic patients with diabetes mellitus using stress-echocardiography and cardiac magnetic resonance”, *Maria Sandín, Madrid*
09:45 “Hypertensive obese women present higher levels of icam-1 under the influence of insulin resistance”,
Jose Silva-Nunez, Lisbon
10:00 “Fibrosis and hypertrophy in experimental type-II Diabetic myocardium”, *Oscar Lorenzo, Madrid*
10:15 Coffee break



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Invited lecture

Chair: John Petrie, Glasgow

10:45 **Arturo Fernández-Cruz, Madrid.**

“LP-LPA2: a new marker of cardiovascular risk in the Metabolic Syndrome?”

Abstract session 3

Chair: Jesus Egido, Madrid

11:30 “Transaldolase Exchange occurs in subjects with impaired fasting glucose”, **John Jones, Lisbon**

11:45 “Distinctive metabolic signature in subjects with early onset type 2 diabetes”, **Krzysztof Wanic, Dublin**

12:00 “Insulin sensitivity and beta cell function are predictive of short-term progression to diabetes in non-diabetic women with prior gestational diabetes (pGDM)”, **Giovanni Pacini, Padova**

12:15 “Retinol binding protein-4, insulin sensitivity and intima media thickness in nondiabetic subjects with normal glucose tolerance”, **Elza Muscelli, Pisa**

12:30 Lunch

Invited lecture:

Chair: Mark Walker, Newcastle

13:30 **John Nolan, Dublin**

“The phenotype of insulin resistance despite regular physical activity: a new risk for progression to diabetes”

14:15 **RISC Investigators' Meeting**

15:15 **Social Program**

Friday, 4 June

Invited lecture

Chair: Nebojsa Lalic, Belgrade

08:30 **Jaakko Tuomilehto, Helsinki.** “Diabetes, prediabetes, fasting insulinemia and cancer mortality”

Abstract session 4

Chair: Rafael Gabriel, Madrid

09:15 “Coronary artery bypass grafting surgery worsens oxidative stress among patients with coronary disease”, **Carnero M, Madrid**

09:30 “The oxidative stress predicts a higher coronary risk”, **M^a Teresa Tejerina, Madrid**

09:45 “Influence of leptin and adiponectin on the phagocytic nadph oxidase regulation: potential clinical implications in obesity” **Ana Fortuño, Pamplona**

10:00 “Nadph oxidase overactivity associates with reduced telomere length in phagocytic cells from metabolic syndrome patients”, **Guillermo Zalba, Pamplona**



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Invited lecture

Chair: Asimina Mitrakou, Athens

10:15 *Jesús Egido, Madrid*

“Identification of novel cardiovascular biomarkers in the metabolic syndrome and diabetes by proteomic and metabolomic analysis”

11:00 Coffee break

Abstract session 5

Chair: Alain Golay, Geneva

11:15 “Fatty liver index is an independent predictor of 3-year changes in glucose metabolism, blood pressure and IMT: results from the RISC study”, *Amalia Gastaldelli, Pisa*

11:30 “Alzheimer's disease vs mild cognitive impairment in normoglycemic patients: differences in insulin sensitivity and lipid abnormalities”, *Nebojsa Lalic, Belgrade*

11:45 EGIR Annual General Meeting

12:45 Close of the EGIR Meeting and Lunch