

| 16-10-2012 | 17-10-2012 | | | 18-10-2012 | | 19-10-2012 |
|-----------------------|------------|--|-----------|--|-----------|---|
| | 900-930 | Opening Ceremony | | | | |
| 900-1900 Registration | 930-1030 | Plenary Lectures Chair Yves Rayssiguier 1. Andre Mazur Methods of assessment of Mg status in humans 2. Ronald Elin Reevaluation of the concept of chronic latent magnesium deficiency | 900-1030 | Plenary Lectures Chair. Federica Wolf 1. Benjamin Chaigne-Delalande X-linked immunodeficiency with Mg ²⁺ defect, Epstein-Barr Virus (EBV) infection, and neoplasia (XMEN) disease, a novel primary immunodeficiency that unraveled new role for cellular Mg ²⁺ 2. Federica Wolf Magnesium in oncology 3. Anke Lameris Mechanisms of Renal Magnesium Absorption: a guided tour through the nephron | 930-1030 | Plenary Lectures Chair. Jose R Romero 1. Paul R. Conlin The DASH Diet and Interactions with the Renin-Angiotensin System 2. Jose R Romero Aldosterone Activates <i>ex vivo</i> Human Polymorphonuclear Leukocytes |
| | 1030-1045 | Coffee Break | 1030-1045 | Coffee Break | 1030-1045 | Coffee Break |
| | 1045-1300 | Molecular Magnesium Transport Mechanisms Chair. Andrea Fleig 1. Eduardo Groisman Magnesium and bacterial virulence 2. Martin Kolisek SLC41A1; a key to the future of Na ⁺ /Mg ²⁺ exchanger research 3. Andrea Fleig TRPM7, the Most Vital Ion Channel 4. Carsten Schmitz The TRPM7 Channel Kinase functions as an Environmental Mg ²⁺ Sensor and phosphorylates PLCg2 | 1045-1300 | Magnesium in Cardiology & Inflammation Chair. William Weglicki 1. Jeanette Maier Endothelial cells and magnesium: implications in cardiovascular diseases 2. Rhian Touyz Magnesium and vascular pathobiology 3. Iu Tong Mak Protective Efficacy of Mg-Supplementation Against HIV Drug Cardiac Toxicity 4. William Weglicki EGFR Tyrosine Kinase Inhibiting Drugs May Cause Hypomagnesemia and Cardiac Dysfunction. | 1045-1300 | Magnesium in Diabetes and metabolic syndrome Chair. Mario Barbagallo 1. Ka He Epidemiology of Mg intake in diabetes and cardiometabolic syndrome 2. Yiqing Song Role of magnesium intake on chronic inflammation and diabetes 3. Ligia J Dominguez Magnesium diabetes, and the cardiometabolic syndrome 4. Fernando Guerrero Romero Magnesium in insulin secretion |
| | 1300-1500 | Lunch | 1300 | UXMAL | 1300-1500 | Lunch |
| | 1500-1700 | Magnesium in Physiology Chair. Cheng Fu-Chou 1. Mario Barbagallo Magnesium and aging 2. Andrea Rosanoff Human Studies on Mg Supplements for Hypertension 3. Dr. Fu-Chou Cheng Magnesium status determination and their implication of clinical diseases 4. Dr. Qi Dai Magnesium and cancer | | | 1500-1700 | Magnesium in Central Nervous System Chair. Mihai Nechifor 1. Stefano Iotti Assessing Magnesium in vivo: from brain to cells 2. Michael Hoane The role of magnesium in CNS dysfunction and cognitive performance 3. Mihai Nechifor Magnesium in Bipolar Disorders- interactions with mood modulators 4. Eneida Porras Kattz Magnesium valproate in learning disabled children with interictal paroxysmal EEG patterns |
| | 1700-1715 | Coffee Break | | | 1700-1715 | Coffee Break |
| | 1715-1915 | Magnesium in pregnancy and hypertensive diseases Chair. Jürgen Vormann 1. Lex Doyle Fetal neuroprotection with magnesium sulphate - what is the evidence? 2. Klaus Kisters Magnesium and cardiovascular disease 3. Carlos Galaviz Hernández Expression of Magnesium transporters in preeclamptic vs healthy placental tissues 4. Ragnar Rylander Magnesium and Mg transporter genes in pregnancy induced hypertension | | | 1715-1915 | Magnesium in exercise & nutrition Chair. Maria José Lares 1. Nielsen Forest Update on the relationship on magnesium and exercise 2. Maria Jose Lares Magnesium and exercise performance in athletes 3. Frank Mooren Magnesium exercise and diabetes mellitus 4. Manuel Bicho Magnesium ,exercise and osteoporosis |
| | 1915-2015 | Poster Session Chair. Martha Rodríguez-Morán | | | | |
| 2000 Welcome Dinner | 2030 | Dinner | | Gala Dinner Hacienda Ochil | 1930-2000 | Closing Ceremony |