Wednesday 21 NOVEMBER 2018

14:00-14:30  Registration

14:30-16:30  Symposium 1: Translational Research in Obesity  
Chair: Manuel Tena Sempere

"Astrocyte as key players in the control of metabolism"

2. Antonia Martín. CIBEROBN  
"Obesity-induced hypogonadism: A dangerous liaison with metabolic implications"

3. Fermín Milagro-Yoldi. CIBEROBN  
"MicroRNAs, inflammation and obesity"

4. Amaia Rodríguez. CIBEROBN  
"Precision Medicine in Obesity: Molecular basis and clinical implications"

16:30-17:00  Café/Te

17:00-18:30  Symposium 2: Novel Approaches for the Study of Diet and Heath  
Chair: Adoración Romaguera

1. Mónica Bulló. CIBEROBN  
"Effect of diet on gut microbiota composition and activity"

2. Estefanía Toledo. CIBEROBN  
"Metabolomics' profile and risk of cardiovascular disease and diabetes. Mediating effects of the Mediterranean diet"

3. Jesús de la Osada. CIBEROBN  
"The role of epigenetics in the interaction between diet and health"

18:30-19:00  Opening Ceremony  
Carlos Diéguez. Director Científico CIBEROBN.  
Manuel Sánchez. Gerente CIBER.  
Raquel Yotti. Directora del ISCIII.

19:00-20:00  The Year in……  
Chair: Jordi Salas Salvadó

1. The Year in Obesity: Javier Salvador  
"New perspectives in pharmacological treatment"

2. The Year in Nutrition: Lluis Serra  
"New dimensions and perspectives in human nutrition"

20:30  Dinner
Thursday 22 NOVEMBER 2018

9:00-11:00  Symposium 3: New Insights in Obesity Development
Chair: Rosa Mª Lamuela

1. Maria Izquierdo. Universidad de Barcelona
   “Sleep quality, timing of food intake, and adherence to Mediterranean Diet: Do they play a role in our weight?”

2. Paloma Alonso-Magdalena. Universidad Miguel Hernández CIBERDEM
   “Endocrine disruptors, obesity and diabetes”

3. Luis Moreno. CIBEROBN
   “Early origins of metabolic disease: Does the intrauterine environment determine adult obesity development”


4.2. Oral Communication 2: Abstract #12 Daniel Castillo. “Adipose tissue DNA methylation of adipogenic, lipid metabolism and inflammatory genes in Metabolic Syndrome”

11:00-11:30 Break (Café/te)

11:30-12:30 Oral Communications I

Abstract #47 Catalina AmadoraPomar.
“Maternal overfeeding during lactation, but not maternal obesity per se, causes early alterations in the offspring”

Abstract #27 Juan Manuel Castellano.
“Central Ceramide Signaling Mediates Obesity-Induced Precocious Puberty”

Abstract #10 Rocio Barragan.
“Bitter, sweet, salty, sour and umami taste perception decreases with age. Sex-specific analysis and taste-preference associations in 18 to 80 year-old subjects”

Abstract #34 Jose Santos.
“Prevention of type 2 diabetes with functional olive oil enriched in oleanolic acid in prediabetic patients: The prediabole trial”

12:30-13:30 Plenary Lecture 2
Chair: Carlos Dieguez

Antonio Vidal-Puig. University of Cambridge
“Adipose tissue expandability and the Metabolic Syndrome”

13:30-15:00 Comida y Posters

15:00-16:30 Symposium 4: Novel Angles in Obesity & Nutritional Research
Chair: Jordi Salas Salvadó

1. Susana Jiménez Murcia. CIBEROBN
   “Psychological determinants of nutritional habits and obesity”
Abstract #14 Rubén Cereijo.
“The brown adipokine CXCL14 is negatively regulated in experimental and human obesity”

Abstract #2 Dolors Serra.
“Carnitinepalmitoyl transferase-1 deletion in AGRP neurons increases energy expenditure by enhancing brown adipose tissue activity”

Abstract #50 Santiago Guerra.
“The effect of long-term high fat and low fat diets on the central and circulating IGF1 system in mice”

Abstract #29 Luisa Maria Seoane.
“Relationship between obesity, sex, puberty and circulating levels of pro-uroguanylin in children”

Abstract #45 Amanda Jimenez.
“Effects of a walnut-enriched diet for 2 years on oxylipins derived from arachidonic and alpha-linolenic acids”

Abstract #51 Elena M. Yubero.
“Mediterranean diet modulates endothelial dysfunction and vascular homeostasis in patients with coronary heart disease: From the CORDIOPREV study”

18:00 Cierre de la Reunión Anual