

Wednesday 21 NOVEMBER 2018

**14:00-14:30 Registration**

**14:30-16:30 Symposium 1: Translational Research in Obesity**

**Chair:** Manuel Tena Sempere

1. Cristina García. Institute of Diabetes and Obesity / Helmholtz Zentrum München.  
*"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 Health**

**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: Lluís 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 M<sup>a</sup> 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?"*
- 4.1. **Oral Communication 1: Abstract #4** Francisco J Ortega. *"Comparative and functional analysis of plasma membrane-derived extracellular vesicles from obese vs. nonobese women"*
- 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 prediabile trial"*

**12:30-13:30 Plenary Lecture 2**

**Chairs:** 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"*

2. David Sanchez Infante. German TriasiPujol Research Institute  
*“Temperature and obesity”*
3. Violeta Moize. Hospital Clinic  
*“Protein supplementation and status after bariatric surgery”*

**16:30-18:00 Oral Communications II**

**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**