

TARRACO-MALACCA V JOINT WORKSHOP

Venue: El Seminari, Centre Tarraconense, Tarragona.

Congress language: English/Spanish

Organizing Committee:

Dr. Joan J. Vendrell (University Hospital Joan XXIII, IISPV, CIBERdem)
Dra. Sonia Fernández-Veledo (University Hospital Joan XXIII, IISPV, CIBERdem)
Dr. Francisco J. Tinahones (Virgen de la Victoria Hospital, IBIMA, CIBERobn)
Dr. Manuel Macias González (Virgen de la Victoria Hospital, IBIMA, CIBERobn)

Funded by:

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Thursday, January 25th

Afternoon Session

16:30 - 17:00 Opening and Welcome Ceremony

Joan J. Vendrell (Co-Director of Diabetes and Metabolic Associated Diseases Research Group)

Sonia Fernández Veleo (Co-Director of Diabetes and Metabolic Associated Diseases Research Group)

Francisco J. Tinahones (Director of Cellular and Molecular Endocrinology Group)

PLENARY SESSION: 17:00-17:30 Antonio Zorzano. “Other aspects of autophagy in adipose tissue”

SESSION 1: “ASCs, a diamond in the rough?”

CHAIR: Sonia Fernández-Veleo

17:30 h - 17:45 h – Glycogen signature as an aging inflammatory signal. **Margarida Terrón Puig (DIAMET)**

17:45 h - 18:00 h – Deterioro de la capacidad adipogénica y oxidación de las ASCs en pacientes obesos con SX. **Wilfredo Oliva Olivera (IBIMA)**

18:00 h - 18:15 h – Human brown adipose-derived mesenchymal stem cells ameliorate glucose metabolic disturbance in high-fat diet induced obesity and diabetes in mice. **Enrique Calvo Manso (DIAMET)**

18:15 h – 18:30 h - COFFE BREAK

SESSION 2: “Biomarkers, the never ending story”

CHAIR: Gemma Llauradó

18:30 h-18:45 h – Succinate as a potent predictor of the likelihood of T2DM remission after bariatric surgery. **M^a Victoria Ceperuelo Mallafré (DIAMET)**

18:45 h – 19:00 h – Efectos de la cirugía bariátrica en la firma lipídica sérica en sujetos obesos. **Daniel Castellano Castillo (IBIMA)**



19:00h - 19:15 h - Análisis descriptivo de los primeros resultados del PREDIMED+DM. **M^a Rosa Bernal López (IBIMA)**

19:15 h - 19:30 h - Nutrición en PREDIMED+DM: primeros resultados. **Alberto Jesús Vilches Pérez (IBIMA)**

21:00 h - BUFFET DINNER

Morning Session

Friday, January 26th

PLENARY SESSION: 9:00-9:30 Enrique Saez. "Discovery of adipocyte metabolic pathways using small molecules"

SESSION 3: "Microbiome, why do I want you?"

CHAIR: Francisco José Tinahones Madueño

9:30 h - 9:45 h - Adipose tissue as immunological organ: interaction between adipose-derived stem cells and gut microbiota on chronic inflammatory diseases. **Carolina Serena Perelló (DIAMET)**

9:45 h - 10:00 h - Análisis de la microbiota en la obesidad mórbida. **Carolina Gutiérrez Repiso (IBIMA)**

10:00 h - 10:15 h - Incretins/microbiota in the DIABECIR cohort. **Silvia Pellitero/Núria Vilarrasa**

10:15 h - 10:30 h - Papel de la microbiota en la pérdida de peso: realidad o ficción? **Isabel Moreno Indias (IBIMA)**

10:30 h - 10:45 h - Papel de la microbiota en pacientes obesos con y sin cáncer colorrectal. **Lidia Sánchez Alcoholado (IBIMA)**

10:45 h - 11:15 h - COFFE BREAK

SESSION 4: "A bun in the oven too sweet"

CHAIR: Ana Megía Colet



11:15 h – 11:30 h - Epigenética y diabetes gestacional. Sonsoles Morcillo Espina (IBIMA)

11:30 h – 11:45 h - Gestational diabetes alters the properties of human amniotic membrane-derived stem mesenchymal stem cells. Francisco Alagaba Chueca (DIAMET)

11:45 h – 12:00 h - Role of peroxisome proliferator-activated receptor gamma in the energy homeostasis and metabolic adaptations of pancreas during late pregnancy. Gemma Medina Gómez (URJC)

12:00 h – 13:00 h – NETWORKING

13:00 h – 15:00 h – LUNCH “La Cuineta”

Friday, January 26th

Afternoon Session

PLENARY SESSION: 15:00-15:30 Angela Martínez Valverde. “Estudio de los efectos de un adonista dual de los receptores de glucagon y GLP1 sobre los depósitos grasos de ratones obesos”

SESSION 5: "The long road to cancer. We have already left"

CHAIR: Sandra Perez Torres

15:30 h – 15:45 h - Cancer de colon: composición corporal y biomarcadores pronósticos. Esther Solano (DIAMET)

15:45 h – 16:00 h - Glicemic metabolism in head neck squamous cell carcinoma. Francisco Javier Aviles (CLÍNICA)

16:00 h – 16:15 h - Medicina de precisión dirigida al diagnóstico, pronóstico y predicción del cáncer colorrectal asociado a la obesidad. Manuel Macias González (IBIMA)

16:15 h – 16:30 h - Obesity and hepatocarcinoma: the role of dysfunctional adipose tissue. Ester Benaiges (DIAMET)

16:30 h – 16:45 h - COFFEE BREAK



PLENARY SESSION: 16:45-17:15 Marçal Pastor. “Nucleoside transporters and metabolic regulation”.

SESSION 6: "Insulin resistance, inflammation and cardiovascular biomarkers, all be on the same page"

CHAIR: José Miguel González-Clemente

17:15h - 17:30 h - Diabetes tipo 1 y riesgo cardiovascular. **Gemma Llauradó Cabot (DIAMET)**

17:30 h - 17:45 h - Effect of acute elevation of plasma FFA on incretin-stimulated insulin secretion. **Brenno Astiarraga (DIAMET)**

17:45 h - 18:00 h - Polyamines in obesity and diabetes: old molecules, new functions. **Bruno Ramos Molina (IBIMA)**

18:00 h - 18:15 h - Metilación del LPL del adiposo y la concentración de triglicéridos en pacientes con síndrome metabólico. **Fernando Cardona Díaz (IBIMA)**

18:15 h - 18:30 h - AGE's y carga ateromatosa: importa la fluorescencia?. **Enric Sánchez (LLEIDA)**

22:00 h - 24:00 h - GALA DINNER “El Galliner de l’Antiquari”

Saturday, January 27th

Morning Session

PLENARY SESSION: 9:00-9:30 Lluís Fajas. “Kinase activities during insulin resistance”.

SESSION 7: Let your hair down. Now metabolism for dummies.

CHAIR: Gemma Medina

9:30 h - 9:45 h – Succinate/SUCNR1 axis: an innate system alarm for adaptative M2 immune responses. **Noelia Keiran Fernández (DIAMET)**

9:45 h - 10:00 h - Mitofusin 2 is a phosphatidylserine transfer protein involved in liver disease. **Maribel Hernández Álvarez (DIAMET)**



10:00 h - 10:15 h - Glucagon-like peptide 2 (GLP-2): an underestimated signal in metabolic control. Miriam Ejarque Carbó (DIAMET)

10:15 h - 10:30 h - Actividad PRK1 kinasa en el tejido adiposo de la diabetes. Andree Yeramian (LLEIDA)

10:30 h - 11:00 h - COFFE BREAK

SESSION 8: A foot in the door. Valuing clinical studies.

CHAIR: Joan vendrell

11:00 h - 11:15 h - Áreas de Investigación en el Grupo de Nutrición Humana. Mònica Bulló (IISPV)

11:15 h - 11:30 h - Actividad simpática, hipoxia nocturna y prediabetes. Un mundo por descubrir. Carolina López (LLEIDA)

11:30 h - 11:45 h - Resultados finales del ensayo clínico hipogonadismo y obesidad. José Carlos González Fernández (IBIMA)

11:45 h - 12:00 h - Up to date about the available clinical cohorts. Joan Vendrell (DIAMET)

12:00 h - 12:30 h - Closing Ceremony

**Joan J. Vendrell
Sonia Fernández-Veledo
Francisco J. Tinahones**