

7th IMBIC YOUNG INVESTIGATORS MEETING

PROGRAMME

IMBIC BUILDING • CONFERENCE ROOM • CÓRDOBA, 10-11 MAY, 2016

Day 1 (10th May)

9:00-9:30	Opening Ceremony. Registration and Poster display
9:30-10:45	SESSION I. Cancer (Oncology and Oncohematology) Chairs: Dr. Julián de la Torre, Dr. Juan Roa
I.a 9:30-9:45	Endothelial nitric oxide synthase in colorectal cancer: a potential new therapeutic target in stem cell-like poor-prognosis subtype. Jon Peñarando Sáez
I.b 9:45-10:00	Potential therapeutic treatment of Biguanides (Metformin, buformin and phenformin) for pituitary adenomas. M^a Carmen Vázquez Borrego
I.c 10:00-10:15	Key proteins regulation of the DNA Damage Response Pathway CHK2 and CDC25A in the context of carcinogenesis. Maribel Lara Chica
I.d 10:15-10:30	HIPECT4. Multicentric randomized controlled trial about the influence of HIPEC in locally advanced colorectal cancer in absence of carcinomatosis. A protocol study. Rubén García Martín
I.e 10:30-10:45	Protein expression of FGFR3, PI3K, AKT, p21Waf1/Cip1 and Cyclin D1 and D3 in patients with T1 bladder cancer: clinical implications and prognostic significance. Álvaro Sánchez González
10:45-11:15	Coffee Break. Poster Showcase
11:15-12:45	SESSION II. Chronic and Inflammatory Diseases Chairs: Dr. Elena Yubero, Dr. Juan Muñoz
II.a 11:15-11:30	Neuroigin deficient mutants of <i>C. elegans</i> overexpress comt-4: a crosspoint between dopamine and serotonin pathways. Ángel Rodríguez Ramos
II.b 11:30-11:45	Potential impact of in vivo Ubiquinol supplementation in the prevention of atherothrombosis in Antiphospholipid Syndrome Patients. Preliminary results of a clinical trial. Iván Arias de la Rosa
II.c 11:45-12:00	Assessment of Fatigue in Spondyloarthritis and Its Association with Disease Activity. Clementina López-Medina
II.d 12:00-12:15	Measuring anxiety regulation strategies: development and preliminary validation of an instrument. Rosario Castillo Mayén
II.e 12:15-12:30	TNFalpha-Damaged-HUVECs Microparticles modify Endothelial Progenitor Cell functional activity. Carlos Luna Ruiz
II.f 12:30-12:45	AP-1 inhibition by SR11302 protects human hepatoma HEPG2 cells from bile acids induced apoptosis by restoring the NOS-3 expression. Sandra González Rubio
13:00-14:00	Plenary Lecture. Dr. Sergi Castellví-Bel (IDIBAPS, Barcelona)
14:00-15:30	Lunch
15:30-16:00	Poster Showcase
16:00-17:00	SESSION III. Infectious and Immunological Diseases. Organ Transplantation. Chairs: Dr. Juan Francisco Alcal, Dr. Antonio Romero
III.a 16:00-16:15	Impact of colistin therapy on mortality of multidrug-resistant and colistin-sensitive acinetobacter baumannii bacteremia in critically ill patients. Tania Amat Serna
III.b 16:15-16:30	Hepatitis E infection in wild boar as a potential route of transmission to humans: Results of the HepEboar Study. Salvador Barea Chacón
III.c 16:30-16:45	Risk of tuberculosis after lung transplantation: the value of pretransplant chest computed tomography and the impact of mTOR inhibitors and azathioprine use. Emilio Guirao Arrabal
III.d 16:45-17:00	Effect of hypoxic preconditioning on mesenchymal stem cells functionality of patients with chronic limb ischemia. Luis Miguel Paco Meza
17:00-17:30	Poster Showcase

17:30-19:00	SESSION IV. Nutrition, Endocrine and Metabolic Diseases Chairs: Dr. Nuria Barbarroja, Dr. Manuel D. Gahete
IV.a 17:30-17:45	Rab34 is a novel regulator of lipid accumulation in adipocytes. Andrés Trávez García
IV.b 17:45-18:00	Magnesium supplementation improves outcomes but impairs bone mineralization in a rat model of Chronic Kidney Disease-Vascular Calcification. Juan Miguel Díaz Togados
IV.c 18:00-18:15	Regulation of endothelial function is modified by two healthy diets in patients with established cardiovascular disease. José David Torres Peña
IV.d 18:15-18:30	Identification of a novel kisspeptin pathway in glial cells: A new contributing circuit for kisspeptin-driven control of puberty?. Encarnación Torres Jiménez
IV.e 18:30-18:45	Does the content of dietary calcium modifies the urinary excretion of phosphate?. Maria Dolores Salmerón Rodríguez
IV.f 18:45-19:00	Adipokines directly modulate the function of different pituitary cell types in primates (<i>Papio anubis</i> and <i>Macaca fascicularis</i>) through common and distinct intracellular signaling pathways. André Sarmento Cabral

Day 2 (11th May)

9:00-10:30	SESSION V. Nutrition, Endocrine and Metabolic Diseases Chairs: Dr. M. Teresa Roldán, Dr. Mercedes Gil
V.a 9:00-9:15	Chronic consumption of a healthy diet improves postprandial lipemia response and insulin resistance in diabetic patients from the CORDIOPREV study. Beatriz Gómez Marín
V.b 9:15-9:30	Changes in the splicing machinery as a tool to predict the development of type-2 diabetes in high-risk patients. Mercedes del Río Moreno
V.c 9:30-9:45	Relationship between intake and urinary phosphate excretion in patients with chronic kidney disease (CKD). M^a Victoria Pendón
V.d 9:45-10:00	Factors influencing telomere length and cardiovascular disease. From the CordioPrev Study. Cristina Hidalgo Moyano
V.e 10:00-10:15	Changes in gut microbiota according to the progression of metabolic syndrome. Sonia García-Carpintero Fernández- Pacheco
V.f 10:15-10:30	Hypothalamic GRK2, via GPR54, modulates puberty onset. Marisol Avendaño Herrador
10:30-11:00	Coffee Break
11:00-11:30	Poster Showcase
11:30-13:00	SESSION VI. Cancer (Oncology and Oncohematology). Active Ageing and Fragility. Chairs: Dr. Rafael Vázquez, Dr. José Antonio Bárcena
VI.a 11:30-11:45	Differential sensitivity of prostate cancer cells to galactinolactone. A proteomic approach. Víctor García González
VI.b 11:45-12:00	Functional role of somatostatin receptor subtype 1 (sst1) in prostate cancer: an in vitro approach. Sergio Pedraza Arévalo
VI.c 12:00-12:15	Recent advances in human sweat metabolomics for lung cancer screening. Mónica Calderón Santiago
VI.d 12:15-12:30	Assessment of RIFLE and AKIN criteria to define acute renal dysfunction for HIPEC procedures for ovarian and non ovarian peritoneal malignancies. Juan Manuel Cabrera Bermón
VI.e 12:30-12:45	The truncated somatostatin receptor, sst5TMD4, is overexpressed in prostate cancer, where it increases malignant features by altering key signaling pathways and tumor suppressors/oncogenes. Juan Manuel Jiménez Vacas
VI.f 12:45-13:00	Age related parameters can be improved by a mediterranean diet supplemented in hydroxytyrosol. Andreea Corina Baba
13:00-13:30	Awards and Closing Ceremony