

1st Joint Meeting UTSW Medical Center & School of Medicine and Dentistry University of Valencia

Valencia, 5-6 March 2015. Aula Magna, Facultat de Medicina i Odontologia

DAY 1 - March 5th

9:00 Opening & Welcome

Clara Martinez. *Vice-Principal for Sustainability and Planning, University of Valencia.*

Andrew Zinn. *Dean, Graduate School of Biomedical Sciences, UTSW Medical Center, Dallas.*

9:15 Session 1: Cancer Research and Clinical Oncology

Kidney cancer: molecular genetics, biology and translation. *James Brugarolas, UTSW Medical Center.*

Molecular basis of endometrial cancer. *Diego Castrillon, UTSW Medical Center.*

Personalized medicine in oncology. *Gloria Ribas, INCLIVA, Valencia.*

10:30 Coffee break

11:00 Plenary lecture

Overview of the Lung Cancer Program at UTSW Medical Center. *Adi Gazdar, UTSW Medical Center, Dallas.*

11:45 Session 2: Cardiovascular Research

Redox regulation of cardiomyocyte renewal. *Hesham Sadek, UTSW Medical Center.*

New biomarkers of essential hypertension. *Josep Redón, INCLIVA, Valencia; Dept. of Medicine, University of Valencia.*

Clinical and experimental research on heart diseases. *Francisco J. Chorro, INCLIVA, Dept. of Medicine, University of Valencia.*

13:00 Lunch

15:00 Session 3: Neurology and Brain Research

Adult-generated neurons: What are new neurons good for? And what is good for them? *Amelia Eisch, UTSW Medical Center.*

Molecular mechanisms of neural stem cell self-renewal. *Isabel Fariñas, Dept. of Cell Biology, University of Valencia.*

Aberrant neurogenesis as a therapeutic target to prevent epilepsy. *Jenny Hsieh, UTSW Medical Center.*

Nutritional psychiatry research. *Vicent Balanzá, Hospital Universitario La Fe, Valencia; Dept. of Medicine, University of Valencia.*

16:45 Coffee break - poster session

17:15 Session 4: Short talks from young researchers.

DAY 2 - March 6th

9:15 Session 5: Molecular mechanisms of human diseases

Dysbiosis in the inflamed intestine: Chance favors the prepared microbe. *Sebastian Winter, UTSW Medical Center.*

Molecular mechanisms of aging and longevity. *Consuelo Borrás, Dept. of Physiology, University of Valencia.*

From the cell nucleus to the heart of Africa. *Carlos Romá-Mateo. Dept. of Physiology, University of Valencia.*

Calpains and mammary gland involution, where "to make an end is to make a beginning". *Elena Ruiz Garcia-Trevijano, Dept. of Biochemistry and Molecular Biology, University of Valencia.*

Oxidative Stress and DNA damage in human gastrointestinal tumors. *Guillermo T. Sáez. Dr. Peset University Hospital, Valencia; Dept. of Biochemistry and Molecular Biology, University of Valencia.*

11:00 Coffee break - poster session

11:30 Plenary lecture

Colorectal Cancer and New Therapeutic Strategies. *Andrés Cervantes, INCLIVA, Valencia; Dept. of Medicine, University of Valencia.*

12:00 Session 6: Omics and new technologies in biomedical research

Elucidating the mechanisms of neurotransmitter release using NMR spectroscopy. *Jose Rizo-Rey, UTSW Medical Center.*

NMR-based metabolomics and biomarker discovery. *Daniel Monleón, INCLIVA, Valencia; Dept. of Pathology, University of Valencia.*

Proteomics application to biomedicine and protein chemistry. *Manuel Sanchez del Pino, Dept. of Biochemistry and Molecular Biology, University of Valencia.*

Functional genomics and lung cancer therapeutics. *Julián Carretero, Dept. of Physiology, University of Valencia.*

13:30 Concluding remarks & closure of the meeting.

Federico V. Pallardó. *Dean, School of Medicine & Dentistry, University of Valencia.*

Andrew Zinn. *Dean, Graduate School of Biomedical Sciences, UTSW Medical Center, Dallas.*