



Seville

MMW

MOLECULAR MEDICINE WORKSHOP

Cell Therapy,
Molecular Mechanisms
and Clinical Translation

SEVILLE MAY 9-10 2016

ITRIBiS
IMPROVING TRANSLATIONAL RESEARCH POTENTIAL
AT THE INSTITUTE OF BIOMEDICINE OF SEVILLE



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MONDAY • MAY 9 • 2016

09:00-09:30 Registration and poster installation

09:30-10:00 Welcome address

SESSION 1 **Cell Therapy, general aspects**

Chairman: José López-Barneo

10:00-10:45 Zhiping Pang. *"Utilizing human neurons to study neuropsychiatric disorders"*

10:45-11:30 Marlen Knobloch. *"Metabolic regulation of neural stem cells"*

11:30-12:00 **Coffee break**

12:00-12:45 Simón Méndez-Ferrer. *"Environmental regulation of blood stem cells in space and time"*

12:45-13:10 **ORAL COMMUNICATION 1.** José Luis Nieto-González. *"Cysteine String Protein- α (CSP- α) maintains the postnatal quiescence of neural stem cells through inhibition of the mechanistic target of rapamycin (mTOR) signaling pathway".*

13:10-13:35 **ORAL COMMUNICATION 2.** Valentina Annese. *"Neural crest-derived stem cells contribute to hypoxia-induced physiological angiogenesis in the adult mammalian carotid body".*

13:35-16:00 **Lunch, coffee & poster viewing**

SESSION 2 **Cell Therapy in Hematology**

Chairman: José Antonio Pérez-Simón

16:00-16:45 Shimon Sakaguchi. *"Targeting Regulatory T Cells for Controlling Immune Responses"*

16:45-17:30 Robert Zeiser. *"Modulation of the allogeneic immune response"*

17:30-18:00 Coffee break

18:00-18:45 Julia Wegner. *"Engineering of chimeric antigen receptor (CAR)-modified T cells for adoptive cancer immunotherapy"*

18:45-19:10 ORAL COMMUNICATION 3. Ana Isabel García Guillén. *"Murine haemophilia A treatment with amniotic stem cells"*.

19:10-19:35 ORAL COMMUNICATION 4. Estefanía García-Gerrero. *"Engineering of chimeric antigen receptor (CAR)-modified T cells targeting B-cell maturation antigen (BCMA) for immunotherapy of multiple myeloma"*.

20:00 Visit to Real Alcázar

22:00 Dinner

TUESDAY • MAY 10 • 2016

09:30-10:00 Registration

SESSION 3 Cell Therapy in Neurology

Chairman: Juan José Toledo-Aral

10:00-10:45 Ernest Arenas. *"From development to cell therapies for Parkinson's disease"*

10:45-11:30 Claire M. Kelly. *"Cell Therapy in Huntington's disease"*

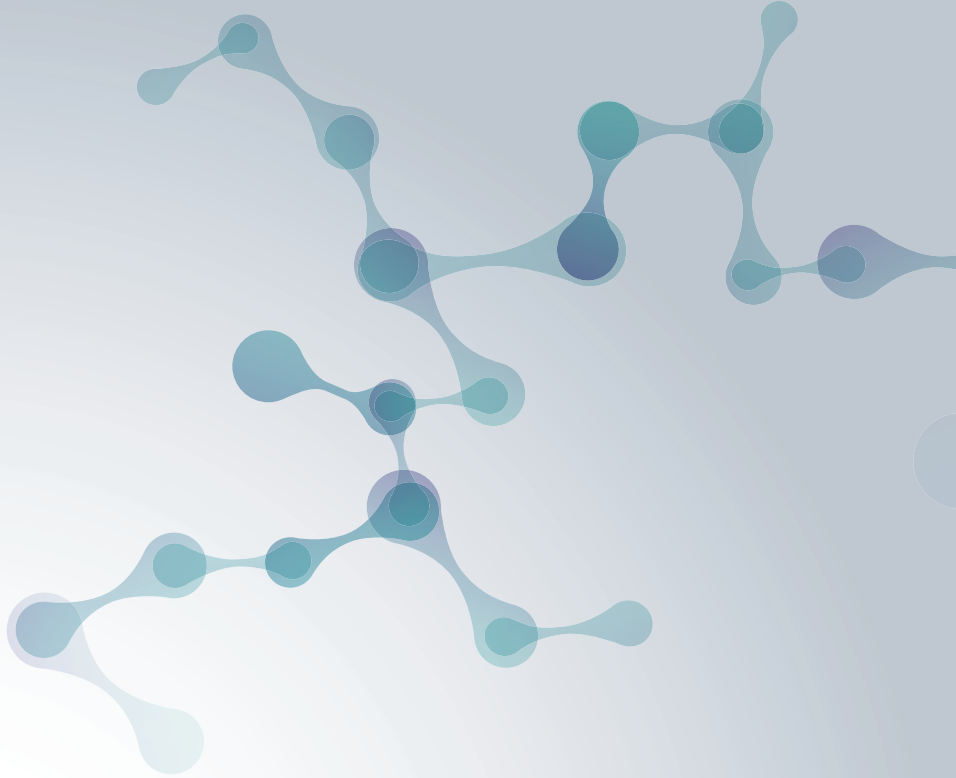
11:30-12:00 Coffee break

12:00-12:45 Isabel Fariñas. *"Stem cell-niche interactions in the adult brain"*

12:45-13:10 ORAL COMMUNICATION 5. Javier Villadiego. *"Epigenetic regulation of carotid body GDNF expression by age: Implications for antiparkinsonian cell therapy"*.

13:10-13:35 ORAL COMMUNICATION 6. Marién Cobo. *"Preclinical studies of LentiVIP transduced Mesenchymal Stromal Cells for the treatment of Multiple Sclerosis"*.

13:35-14:00 Closing remarks



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