

The 7th Royan International Congress on Stem Cell Biology and Technology (2011)

International Invited Speakers



Patrick Collombat, France

Titles:

1. Adipose Tissue-Derived MSCs Are an Option to Human Hepatocytes for In vitro and In vivo Studies
2. New Insight in The Alpha-to-Beta-Cell Trans-differentiation in The Endocrine Pancreas



Hans R. Scholer, Germany

Title:

1. Induction of Pluripotency: 20 Years of Research
2. The Potential of Induced Pluripotent Stem Cells in Development and Regenerative Medicine



Lorenzo Piemonti, Italy

Title:

1. Bone Marrow as Ideal Microenvironment for Human Islet Transplantation to Treat Type 1 Diabetes (Clinical Trials.gov Identifier: NCT01345227)
2. Regulatory Stem Cell and Allograft Tolerance



Lino Ferreira, Portugal

Title:

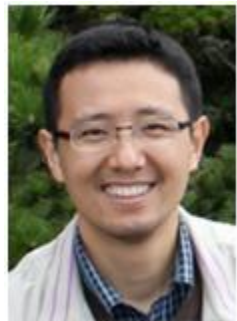
1. Micro and Nanomaterials to Manipulate Stem Cells
2. Stem Cells and Biomaterials for The Treatment of Ischemic Diseases



Gabsang Lee, USA

Title:

1. Defining and Predicting Pluripotent Behavior in Human ES and IPS Cells
2. Discovery of Potential Therapeutic Compounds for Familial Dysautonomia Using Patient-Specific and Symptom-Relevant iPSC Derived Neural Crest Precursors



Hui Lijian, China

Title:

1. Induction of Functional Hepatocyte-Like Cells from Mouse Fibroblasts by Defined Factors
2. Induction of Functional Hepatocyte-Like Cells from Mouse Fibroblasts by Defined Factors



Ilyas Singec, USA

Title:

1. Direct and Complete Neural Induction of Human ES and iPS Using Small Molecules
2. Protein Phosphorylation Signatures Define "Stemness" in Human Pluripotency and Neural Multipotency



Matthias P. Lutolf, Switzerland

Title:

1. Bioengineered Niches to Instruct Stem Cell Fate
2. Probing Single Hematopoietic Stem Cell (HSC) Fate Decision-Making in Artificial Niches



Ivan Martin, Switzerland

Title:

1. Adipose Tissue-Derived Progenitors for The Engineering of Osteogenic and Vasculogenic Grafts
2. Three-Dimensional Expansion of Human Bone Marrow-Derived Mesenchymal Stromal Cells



Carlos-Filipe Pereira, USA

Title:

1. ESCs Require PRC2 to Direct The Successful Reprogramming of Differentiated Cells Toward Pluripotency
2. Heterokaryon-Based Reprogramming for Pluripotency



Hiromitsu Nakauchi, Japan

Title:

1. Generation of Functional Organs from iPS Cells: Toward the Next Generation of Regenerative Medicine
2. Heterogeneity and Hierarchy within The Most Primitive Hematopoietic Stem Cell Compartment



Masaki Ieda, Japan

Title:

1. Direct Reprogramming of Fibroblasts into Cardiomyocytes by Defined Factors
2. Heart Regeneration Using Stem Cells and Direct Reprogramming Technology



Andreas K. Nüssler, Germany

Title:

1. Adipose Tissue-Derived MSCs Are an Option to Human Hepatocytes for In vitro and In vivo Studies
2. Epigenetic Modification of Old Human Adipose - Derived MSCs Improves Hepatic Differentiation