

The 4th Royan International Congress on Stem Cell Biology and Technology (2008)

International Invited Speakers



Su-Chun Zhang, USA

Titles:

Human Embryonic Stem Cells As A Tool Of Discovery



Konrad Hochedlinger, USA

Title:

1. Reprogramming of Adult Cells into Embryonic
2. Embryonic Stem Cells and Pluripotency



Toru Nakano, Japans

Title:

1. DNA Methylation in Early Embryogenesis
2. PI3K/Akt Signaling in Germ Cell Development



Ali Honaramooz, Canada

Title:

1. Testis Tissue Xenografting-A Novel In Vivo Culture System to Study Testis Function
2. Lessons Learned from Transplantation of Spermatogonial Stem Cells



Ali Khademhosseini, USA

Title:

Micro engineered Systems for Directing Stem Cell Differentiation



Shinichi Nishikawa, Japan

Title:

1. In Vitro Recapitulation of Stem Cell Niche
2. Dissecting Differentiation Pathway of Hematopoietic



Chad Cowan, USA

Title:

1. Modeling Disease with Human Pluripotent Cells
2. Understanding the Differentiation Propensity of Human Embryonic Stem Cells



Gerald de Haan, Netherlands

Title:

1. Aging of Hematopoietic Stem Cells: Mechanisms
2. The Genome-Wide Identification of Master Regulators of Transcriptional Networks During Hematopoietic



Juergen Hescheler, Germany

Title:

1. Functional Genomics of Embryonic Stem Cells and Derived Mesodermal Lineages
2. Force Measurements of Human Embryonic Stem Cell-Derived Cardiomyocytes in an Transplantation Model In Vitro



Katarina Le Blanc, Sweden

Title:

1. Mesenchymal Stem Cells for Treatment of Acute GVHD
2. Hematopoietic Stem Cell Transplants



Oliver Brüstle, Germany

Title:

1. From Neural Stem Cells to Brain Repair
2. From Pluripotent Cells to Stable Neural Stem Cells



Lei Xiao, China

Title:

Generation of iPS Cell from Adult Cells and Potential Applications of iPS Cell Technology



Mark Zern, USA

Title:

Differentiation and Enrichment of Hepatocyte-Like Cells from Human Embryonic Stem Cells In Vitro and In Vivo



Wei Cui, UK

Title:

1. Genetic Modification of Human Embryonic Stem Cells
2. Efficient Differentiation of Human Embryonic Stem Cell to Functional Hepatocytes

