

**NORTHEAST SUB-DIVISION
THE C. L. DAVIS, D.V.M. FOUNDATION**



**Hosted by Columbia University
Institute of Comparative Medicine, Department of Pathology & Cell Biology**



STEM CELL THERAPY IN ANIMAL MODELS OF HUMAN DISEASES

TIME & VENUE: October 3, Friday, 2008, 800 AM - 500 PM, College of Physicians & Surgeons, Donald F. Tapley Faculty Club, 630 West 168th Street, New York, NY-10032

The one day symposium will be focused on the advancements made in application of stem cell research and therapy in animal trials of human disease models. The speakers will talk about the evaluation of stem cell therapy for human diseases and future clinical applications in animal models of human diseases. In addition, regulatory development and non-clinical safety issues will be addressed.

SPEAKERS & TOPICS

Stem cell therapy for Myocardial Infarction in animal models, Dr. Warren Sherman, MD, FACC, FSCAI, Director, Cardiac Cell-Based Endovascular Therapies, Center for Interventional Vascular Therapy, Columbia University

Stem cell therapy in Rodent Models of Spinal Cord Injury, Dr Wise Young, MD PhD, founding Director of the W.M. Keck Center for Collaborative Neuroscience, The Spinal Cord Injury Project, and Chair, Department of Cell Biology and Neuroscience. Rutgers University

Biology of the stem cell with special reference to Diabetes Mellitus, Dr. Lori Sussel. PhD, Associate Professor, Naomi Berrie Diabetes Center, Columbia University

**Stem cells and progenitor cells in brain tumors, Dr. Peter Canoll, MD PhD,
Assoc Prof of Pathology, Herbert Irving Cancer Institute, Columbia University**

**Preclinical perspective for Stem Cell Therapy Product, Dr. Theresa Chen PhD,
Food & Drug Administration, Washington DC**

**Stem cell based Assays for the Discovery and Pharmacological/Toxicological Evaluation of
Drug Candidates, Dr. Mark Thiede, PhD, Research Fellow, Genetically Modified Models
Center of Emphasis, Pfizer, Groton ,CT**

**A travel through Preclinical Approval of a Somatic Stem cell Therapy, A Pathologist
Perspective, Dr. René Meisner, DVM, DACVP, Senior Scientist Research & Development,
StemCells, Inc. Palo Alto, CA**

**Cutaneous Epithelial Stem Cells in Skin Regeneration and Carcinogenesis , David M.
Owens, Ph.D. Florence Irving Assistant Professor of Epithelial Cell Biology, Departments
of Dermatology and Pathology, Columbia University**

**Teratomas & Tumours, What Do they Mean in Stem Cell Studies, Manu Sebastian DVM
PhD, Chief of Comparative Pathology, Columbia University**

Program Director:

Dr Manu Sebastian DVM MS PhD [Dipl.ACVP](#), [Dipl.ABT](#)

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**Visit Website: [Columbia University Comparative Pathology Laboratory](#) for
Speaker update, Registration forms (downloadable) and Directions**