

Seed Grants Awarded for Collaborative Projects Between Weill Cornell Medical College and The Methodist Hospital Research Institute

In 2005, two symposia were held to promote research collaborations between Weill Medical College and The Methodist Hospital Research Institute in Houston. The first symposium, which took place in May 2005 in Houston, and the second symposium, which took place in December 2005 in New York City, convened researchers from Weill Medical College and The Methodist Hospital to give presentations of their work. Following each of these successful meetings, the administrations of both institutions awarded Seed Grants of up to \$100,000 each to enable joint research projects between the two affiliated institutions. A committee consisting of three faculty members from the Weill Medical College and three from The Methodist Hospital reviewed the outstanding applications received and helped select the proposals to be funded, which are listed below.

First round recipients:

A Bilateral, 8-Channel Radio Frequency Coil Array for Fast, Reliable 3.0T Magnetic Resonance Imaging of Atherosclerotic Plaques in Lower Extremity Blood Vessels

Dr. Yi Wang, P.I. (WMC)

Dr. Allen Lumsden, co-P.I. (TMH)

In-Vivo Intraplaque Macrophage Identification Using PET in a Porcine Model of Complex Atherosclerosis

Dr. Juan Granada, P.I. (TMH)

Dr. Shankar Vallabhajosula, co-P.I. (WMC)

Role of SMAD3 in Arterial Remodeling

Dr. Greg Kaluza, P.I. (TMH)

Dr. Bo Liu, co-P.I. (WMC)

Induction of p53-Mediated Cell Death in Retinoblastoma Cells Via MDM2 Inhibition

Dr. Lee Thomas, P.I. (WMC)

Dr. Patricia Chévez-Barrios, co-P.I. (TMH)

Aldosterone Receptor Blockade to Promote Adaptive Arterialization of Venous CABG

Dr. Daniel Catanzaro, P.I. (WMC)

Dr. Craig Pratt, co-P.I. (TMH)

The Role of P38 Mapk in the Resistance to Arsenic Trioxide-Induced Apoptosis in Myeloma Cells

Dr. Jeff Chang, P.I. (TMH)

Dr. Douglas Ballon, co-P.I. (WMC)

Combined Functional Imaging and Electrophysiological Mapping of Birdsong

Dr. Santosh Helekar, P.I. (TMH)

Dr. Henning Voss, co-P.I. (WMC)

Second round recipients:

Genetic Epidemiology of Human Susceptibility to Tuberculosis Disease

James M. Musser, P.I. (TMH)

John Ho, Co-P.I. (WMC)

Perioperative Course of Parkinson's Disease Patients Undergoing Surgery: A Prospective Controlled Study

Ron Tintner, P.I. (TMH)

Claire Henchcliffe, Co-P.I. (WMC)

Predictors of Short-Term Adverse Events in Total Joint Replacement

Mark Callahan, P.I. (WMC)

Marc Silverstein, Co-P.I. (TMH)

Reliable Measurement of Brain Glutamate Levels in ALS Patients with 3.0 T¹ H-MRS

Ericka Simpson, P.I. (TMH)

Dikoma Shungu, Co-P.I. (WMC)

Brain Volumetric Analysis and Cognition in Parkinson's Disease

Barry Kosofsky, P.I. (WMC)

Robert Grossman, Co-P.I. (TMH)