2011 Worcester Foundation Grants
supported by gifts to the Hudson Hoagland Society

Eric Baehrecke, PhD
Cancer Biology
“Identification of Genes that are Required for Cancer Initiation and Metastasis”

Daryl Bosco, PhD
Neurology
“Defective Stress Responses and Altered Stress Granule Function in Neurodegeneration”
2011 Morton H. Sigel Award Recipient

Edwin Boudreaux, PhD
Emergency Medicine
“Using Volunteers to Deliver Tobacco Cessation Interventions in the Emergency Department”

Raphael Carandang, MD
Neurology
“Genetic Determinants of Post-Traumatic Cerebral Edema: A Pilot Study”

Craig Ceol, PhD
Molecular Medicine
“Use of Comparative Genomics to Identify Oncogenes”

Gang Han, PhD
Biochemistry & Molecular Pharmacology
“Near Infrared Emitting Upconverting Nanoparticles for In Vivo Imaging of siRNA Delivery and Silencing in Neurodegenerative Disease Treatment”
2011 Worcester Foundation Mel Cutler Award

Hemant Khanna, PhD
Ophthalmology
“Pathogenetic Mechanisms of the CEP290-Associated Early Childhood Blindness Disorder Leber Congenital Amaurosis”

Andrei Korostelev, PhD
Biochemistry & Molecular Pharmacology
“Structural Basis for Translation Regulation of the Proto-oncogene c-Myc”

Carlos Lois, PhD, MD
Neurobiology
“A Songbird Transgenic Model of Alzheimer’s Disease”

Junhao Mao, PhD
Cancer Biology
“Non-canonical Gli Regulation in Pancreatic Cancer”

Klaus Pechhold, MD
Medicine, Diabetes Division
“Gene Expression Profiling of Newly Developing Islet β-cells in Adult Mice”

Joel Richter, PhD
Molecular Medicine
“Correcting the Fragile X Syndrome”

Supporting basic biomedical research at the University of Massachusetts Medical School