2015 Translational Pilot Program Awardees

**Principal Investigator:** Benjamin Chong, MD  
**Project Title:** T cell polarization in discoid lupus skin

**Principal Investigator:** Rebecca Collins, MD  
**Project Title:** The expression and role of MAGE Proteins with medulloblastoma tumor cells

**Principal Investigator:** Alice Ann Holland, Ph.D., ABPP  
**Project Title:** APOLIPOPROTEIN E (APOE) GENOTYPE AND NEUROCOGNITIVE OUTCOMES IN SURVIVORS OF PEDIATRIC LEUKEMIA

**Principal Investigator:** Nida Iqbal, MD  
**Project Title:** A mouse model for Prune Belly syndrome

**Principal Investigator:** Adam Kern, MD  
**Project Title:** Gene Expression Analysis of Tissues from Patients with Prune Belly Syndrome

**Principal Investigator:** Andrew Koh, MD  
**Project Title:** Antibiotic resistance development in the immunocompromised host

**Principal Investigator:** Ricardo M. La Hoz, MD  
**Project Title:** Solid Organ and Stem Cell Transplant Infectious Complications Database

**Principal Investigator:** Poornima Pandiyan, M.D.  
**Project Title:** Prospective analysis of Neuroinflammation and potential autoreactivity in children with cardiorespiratory failure with and without extracorporeal life support (ECMO)

**Principal Investigator:** Juan M. Pascual, MD, PhD  
**Project Title:** Preliminary 4D-EEG and Population Studies of Epilepsy in Glucose Transporter Type I Deficiency

**Principal Investigator:** Nivedita Patni, MD  
**Project Title:** Genetic Basis of Type 1 Hyperlipoproteinemia

**Principal Investigator:** Katherine Sanchez, PhD  
**Project Title:** METRIC: Measurement, Education, and Tracking in Integrated Care

**Principal Investigator:** Douglas Strand, PhD  
**Project Title:** Cell-specific responses to Hyperinsulinemia in Benign Prostatic Hyperplasia

**Principal Investigator:** Erdal Toprak, PhD  
**Project Title:** Screening Natural Compounds for Enhancing the Efficacy of Antibiotics
**Principal Investigator:** Christy Boling Turer, MD, MHS  
**Project Title:** Primary Care, Communication, and Improving Children’s Health

**Principal Investigator:** Kenneth Westover, MD, PhD  
**Project Title:** ctDNA as a Biomarker for NSCLC

**Principal Investigator:** Matthias Wolf, MD  
**Project Title:** Assay Optimization for a High Throughput Screen to Detect Compounds Increasing Secretion of Mutant Uromodulin C150S

**Principal Investigator:** Nan Yan, PhD  
**Project Title:** Characterization and treatment of TREX1-V235fs-associated autoimmune disease