

### **Awarded from the Henry Heyl Fund of the Hitchcock Foundation**

Jacob Swan, Ph.D., Department of Medicine, “Dual Frequency Ultrasound for Early Cancer Detection”

Wen Li, M.D., Department of Microbiology, “Immunotherapy of Murine Retrovirus-Induced Acquired Immunodeficiency Syndromes”

### **Awarded from General Funds of the Hitchcock Foundation**

Edgar Romero-Sandoval, M.D, Ph.D., Department of Anatomy, “Role of Phosphatases in Spinal Cord Neuronal Sensitization”

James Moseley, Ph.D., Department of Biochemistry, “Dissecting the Cellular Signals that Position Growth Zones”

Cong Ran, M.D./Ph.D. Student, “Department of Medicine, “The PDGF Signaling Pathway Regulates Proliferation Independent Glycolysis in Tumors by Distinct Mechanisms”

Eva Rzudiclo, M.D., Department of Surgery, “Novel Targets of Statins in the Treatment of Vascular Disease - Role of CTGF in Vascular Remodeling”

Danielle Gulick, Ph.D., Department of Psychiatry, “Investigating the Role of the Circadian Period Genes in Modulating the Effects of the Atypical Antipsychotic Clozapine on the Alcohol Drinking and Preference in Alcohol-Preferring Mouse Strains.”

Pablo Valdes, Ph.D., Department of Surgery, “Multi-Spectral Optical Imaging for Brain Tumor Resection”

William Rigby, M.D., “Department of Medicine, “C4B Copy Number Variation in Rheumatoid Arthritis”

Mary Jo Turk, Ph.D., Department of Microbiology and Immunology, “The Role of Vitis in Curative Melanoma Immunotherapy”

Engy Hanna, M.D., Department of Anesthesiology, “Hemodynamic Changes Associated with Bilateral Total Knee Arthroplasty: A Pilot Study”

Aisling Murphy, Ph.D., Microbiology and Immunology, “Herpes Simplex Virus Stimulation of Innate Immunity in Health and Chronic Disease”

Li Wang, Ph.D., Department of Microbiology and Immunology, “The Impact of PD-L3, A Novel Immune-Suppressive Programmed-Death-Ligand (PD-L) Family Member on T Cell Responses”

Ryan Ratts, M.D., Department of Medicine, “Purification, Identification, and Characterization of the Diphtheria Toxin Cytosolic Translocation Factor Complex”

Yingna Liu, DMS, “Department of Pharmacology and Toxicology, “Minocycline and Methylxanthines as Glial Targeting Therapies for Glioblastoma Multiforme”

## **Student Research Awards**

Samuel Bakhoun, DMS II, Department of Biochemistry, “Investigating the Role of Chromosomal Instability in Diffuse large B-Cell Lymphomas”

Malcolm Schongalla, DMS III, Department of Surgery, “Study of Sleep in 3rd Year Medical Students”

Schumann Lecture

October 22, 2012

Ira Byock, M.D.

Director of Palliative Care @ DHMC

Medicine, Professor of Medicine @ Dartmouth Medical School

### **Managed by the Foundation:**

- 33 active Hitchcock Foundation-sponsored research grants.
- 319 Advised Funds – Research and educational funds managed by the Foundation for departments, sections and individuals at Dartmouth-Hitchcock Medical Center.
- 214 Sponsored Research Funds – Research funded from sources outside the Hitchcock Foundation; generally clinical studies or educational programs funded by pharmaceutical companies, medical equipment research and development companies or other corporate or foundation sources.

### **Residents’ Revolving Loan Fund**

The Residents’ Revolving Loan Fund provides emergency loans to resident doctors while in training at DHMC.

- 14 outstanding loans