2012 PMI RESEARCH RETREAT SCHEDULE

7:30 – 8:45 am: Registration/Breakfast
8:45 am: Introductory Remarks: Neal Hammer and Shanna Arnold
8:50 am: Welcome: Samuel Santoro, M.D., Ph.D.

SESSION I  Moderator: Maria Hadjifrangiskou, Ph.D.

9:00 Philip Anderson, Ph.D.
* NKK3.1 converges on common targets with AR and FOXA1 in normal prostate and prostate cancer cells *

9:15 John Erickson
* Viral Acute Lower Respiratory Infections Rapidly Impair CD8+ T Lymphocyte Functions Through the PD-1/PD-L1 Pathway *

9:30 Vrajesh Parekh, Ph.D.
* Activated invariant NKT cells control central nervous system autoimmunity in a mechanism that involves myeloid-derived suppressor cells *

9:45 Daniel Cohen, M.D., Ph.D.
* Human Papillomavirus in Squamous cell carcinogenesis of BRAF-inhibitor treated melanoma patients *

10:00-10:30: Break/Posters

SESSION II  Moderator: Chanjuan Shi, M.D., Ph.D.

10:30 Thomas Kehl-Fie, Ph.D.
* Manganese sequestration by the host is an essential component of innate immunity *

10:45 Bobby Madamanchi
* α2β1 integrin regulation of endothelial notch signaling: implications for sprouting angiogenesis and retinopathy of prematurity *

11:00 Hilary Nickols, M.D., Ph.D.
* Antagonism of type I metabotropic glutamate receptors inhibits glioma cell growth *

11:15 Katarzyna Ludwik
* Anti-estrogens regulate cyclin D1 levels by controlling nuclear accumulation of the Ser/Thr protein kinase, RSK2 *

2012 Sydney P. Colowick Award
for Outstanding Pathology, Microbiology & Immunology Postdoctoral Fellow
Presented by Chris Aiken, Ph.D.

11:35-1:30 Lunch/Posters
SESSION III  Moderator, Thomas Stricker, Ph.D.

1:30  Amanda Hansen
ALCAM expression and ectodomain shedding during metastatic prostate cancer progression to bone

1:45  Jessica Colon-Franco
Identification of Models to Predict Early Sepsis in Medical ICU Patients

2:00  Edward Sherwood
The Role of CXCR3 in the Pathogenesis of Septic Shock

2:15  Melissa Farrow, Ph.D.
Clostridium difficile toxin B induced necrosis is mediated by reactive oxygen species

2:30 – 3:00  Break/Posters

SESSION IV  Moderator, Eric Skaar, Ph.D.  “Cutting Edge Technology and Core Services”

Richard Caprioli, Ph.D.
Director, Mass Spectrometry Center; Standford Moore Chair in Biochemistry

Seth Bordenstein, Ph.D.
Department of Biological Sciences

Jonathan M. Irish, Ph.D.
Cancer Biology

Susan Meyn
VUMC Office of Research: Shared Resources and Core Facilities

4:30  WRAP UP – Dr. Samuel Santoro

RECEPTION: APPETIZERS AND BEVERAGES