3rd Annual UMB-UMCP Seed Grant Presentations

April 15, 2010
2:00 – 3:50 p.m.
Computer Science Instruction Building, Room 1115

Welcome

Bruce Jarrell, M.D., Executive Vice Dean
University of Maryland Baltimore, School of Medicine

Mel Bernstein, Ph.D., Vice President for Research
University of Maryland, College Park

Masters of Ceremony

Margaret McCarthy, Ph.D., UMB Co-Chair, UMB-UMCP Seed Grant Committee
William Bentley, Ph.D., UMCP Co-Chair, UMB-UMCP Seed Grant Committee

Presentations by 2008 Grant Recipients
(Presenter Name Bolded)

“Multi-Modality and Multi-Scale Imaging of Breast Cancer”
- Yu Cheng (UMCP) and Reuben Mezrich (UMB)

“Molecular Mechanisms of Impaired Sensing of Mycobacteria and Their Components by TLR2 and TLR4 Polymorphic Variants”
Volker Briken (UMCP) and Andrei Medvedev (UMB)

“A Novel Combined Multimodal Multispectral Ultra Low-Dose X-Ray and Photon-Selective Imaging Technology for Non-Contrast Agent Differentiation of Vasculatures, Tissues, and Abnormalities”
Yang Tao (UMCP) and Eliot Siegel (UMB)

“Identification of Determinants Essential for Biofilm Formation and Virulence in Methicillin-resistant Staphylococcus Aureus (MRSA) Using a Global Genetic Approach”
Kevin S. McIver (UMCP) and Mark E Shirtliff (UMB)

“Mechanical Characterizations of Force-responsive Peptide-based Biomaterials with Optical Coherence Elastography and Dynamic Rheometry”
Yu Chen (UMCP) and Bruce Yu (UMB)

“A Novel Imaging Probe for Interventional and Surgical Procedures”
Yu Cheng (UMCP) and Cha-Min Tang (UMB)

“Hospital Admissions among Veterans with Congestive Heart Failure: The Role of Medical Noncompliance and Mental Illness”
Mei-Ling Ting Lee (UMCP) and Eberechukwu Onukwugha (UMB)

“Brain Injury Caused by Explosions: Mechanisms & Neuroprotection”
William Fourney (UMCP) and Gary Fiskum (UMB)

“Integrative Meditation as an Adjunct Therapy in Treating Cocaine Addiction”
Carl W. Lejuez (UMCP) and Kevin W Chen (UMB)