

Pilot Studies Grants in Clinical and Translational Research Awarded

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A total of 44 proposals in response to the two Requests for Applications were received. Applicants included faculty from throughout the Buffalo Translational Consortium. The following offices contributed a total of \$200,000 in support.

- Office of the Vice President for Research
- Office of the Vice President for Health Sciences
- Roswell Park Cancer Institute
- Dean, School of Medicine and Biomedical Sciences
- Dean, School of Public Health and Health Professions
- Dean, School of Nursing
- Dean, School of Dental Medicine
- Dean, School of Pharmacy and Pharmaceutical Sciences

After a first round of rigorous peer review led by Dr. Kenneth Tramposch, the [Pilot Studies Oversight Committee](#), chaired by Drs. Steven Fliesler and Leonard Epstein, evaluated the proposals. As outlined in the RFA, an important review criterion was the likelihood that work supported by Pilot Studies would lead to major extramural funding.

The Principal Investigators of the Pilot Studies that were awarded (see below) will present their work at the Second Annual Clinical and Translational Research Colloquium, which will be held in the Fall of 2012 at the Clinical and Translational Research Center.

The following 6 projects were chosen to receive funding:

Multifunctional Optical Imaging Probe for Cutaneous Chronic Graft versus Host Disease Lesions

Chulhong Kim, Ph.D. Department of Biomedical Engineering, University at Buffalo,
George Chen, M.D., Philip McCarthy, MD, Theresa Hahn, PhD, Hong Liu, MD, PhD, Maureen Ross, MD, PhD, Department of Medicine, Roswell Park Cancer Institute
Paul Bogner, MD, Department of Pathology, Roswell Park Cancer Institute
Greg Wilding, PhD, Department of Biostatistics, Roswell Park Cancer Institute

Novel Multiplex Autoantigen Arrays for Biomarker Discovery in Skin Autoimmunity

Animesh A. Sinha, M.D., Ph.D., Kristina Seiffert-Sinha, M.D., Department of Dermatology
University at Buffalo and Roswell Park Cancer Institute
Norma J. Nowak, Ph.D., University at Buffalo and Roswell Park Cancer Institute
Song Liu, Ph.D., Department of Biostatistics, Roswell Park Cancer Institute
Richard W. Plunckett, Ph.D., Raminder Grover, M.D., Beutner Labs, Inc.

Anthracycline-related Cardiomyopathy in Breast Cancer Patients: Impact of Carbonyl Reductase 3 Genotype Status on Echocardiographic Measurements of Cardiomyopathy

Javier G. Blanco, PhD, School of Pharmacy and Pharmaceutical Sciences, University at Buffalo
Tracey O'Connor, MD, Department of Medicine, Roswell Park Cancer Institute
Vijay Iyer, M.D, Department of Medicine, University at Buffalo

Adapting Photodynamic Therapy into a Novel Treatment for Bacterial Infections

Anthony Campagnari, Ph.D., Nicole Luke-Marshall, Ph.D., Department of Microbiology and Immunology, University at Buffalo
Thomas Russo, M.D., C.M., Department of Medicine, University at Buffalo
Thomas Mang, Ph.D., Department of Oral and Maxillofacial Surgery, School of Dental Medicine University at Buffalo

Overcoming Myeloid Cell-Mediated Immunosuppression to Enhance Vaccine Efficacy in Ovarian Cancer

Brahm H. Segal, MD. Department of Medicine, Roswell Park Cancer Institute and University at Buffalo
Scott Abrams, PhD, Department of Immunology and Kunle Odunsi, MD, PhD, Department of Gynecologic Oncology, Roswell Park Cancer Institute.

One Size Fits All" Vascular Graft - Tissue Engineered Vasculature

Daniel D. Swartz, PhD, Department of Pediatrics, University at Buffalo
Stelios T. Andreadis, PhD, Department of Chemical and Biological Engineering, University at Buffalo