

2006-2007 Wallace H. Coulter Translational Partnership Award Recipients

Project Title:

Preclinical Evaluation of Thermally Sensitive Polypeptide Carrier for Targeted Delivery of Cancer Therapeutics

Primary Investigator:

Ashutosh Chilkoti, Ph.D., Professor, Department of Biomedical Engineering, and Associate Director of the Center for Biologically Inspired Materials and Materials Systems

<http://www.bme.duke.edu/faculty/chilkoti/index.php>

Clinician(s):

Mark Dewhirst, Ph.D, DVM; Department of Radiation Oncology

Michael Colvin, MD; Professor, Hematology/Oncology Comprehensive Cancer Center

Project Title:

Tissue Engineered Cartilage for Joint Resurfacing

Primary Investigator:

Farshid Guilak, Ph.D., Professor/Director of Orthopaedic Surgery and Biomedical Engineering

<http://fds.duke.edu/db/pratt/BME/faculty/guilak>

Clinicians:

Kam W. Leong, Ph.D.; Professor of Biomedical Engineering & Surgery

T. Parker Vail, M.D.; Professor of Surgery

Project Title:

An Optical Assay System for Intraoperative Assessment of Tumor Margins in Patients with Breast Cancer

Primary Investigator:

Nimmi Ramanujam, Ph.D., Associate Professor, Department Biomedical Engineering

<http://www.bme.duke.edu/faculty/ramanujam/index.php>

Clinician(s):

Lee Wilke, M.D.; Assistant Professor of Surgery

Joseph Geradts, M.D.; Professor of Pathology

Project Title:

Intra-articular Drug Delivery Based on Thermally Responsive Biopolymers

Primary Investigator:

Lori Setton, Ph.D, Mary Milus Yoh and Harold L. Yoh, Jr. Associate Professor of Biomedical Engineering

<http://www.bme.duke.edu/faculty/setton/index.php>

Clinicians:

Virginia B. Kraus, M.D., Ph.D. Professor of Rheumatology & Medicine

Ashutosh Chilkoti, Ph.D.; Associate Professor of BME
