

CTSI 2021 CLINICAL/POPULATION HEALTH PILOT RECIPIENTS



Kristen Beavers, PhD, MPH
*Dept. Of Health & Exercise
Science*

"Application of the Novel D3Cr Dilution Method to Better Understand Weight Loss Associated Changes in Muscle Mass and Physical Performance Among Older Adults with Obesity"

*co-funded by Center on Diabetes, Obesity and Metabolism and Sticht Center for Alzheimer's Prevention and Healthy Aging



Sarah A. Birken, PhD
Implementation Science

"Developing Strategies to De-implement CT Imaging for the Evaluation of Low-Risk Microscopic Hematuria"



Savithri Nageswaran, MBBS, MPH**
Pediatrics

"In-person Versus Telehealth Access to Health Services for Children with Special Health Care Needs"



James C. O'Neill, MD
Emergency Medicine

"Investigating Cholesterol Esters as an Emergency Department Cardiovascular Biomarker (ICE-Cube) "

*co-funded by the Critical Illness, Injury and Recovery Research Center



B. Scott Segal, MD, MHCM**
Anesthesiology

"Improving the Diagnosis of Obstructive Sleep Apnea Through Deep Learning"

*co-funded by the Neuroscience Clinical Trial and Innovation Center



Rebecca Erwin Wells, MD, MPH
Neurology

"Online TEAM Migraine: Online Techniques and Education Aimed to Manage Migraine"

**These CTSI Pilot Projects were also awarded a \$10,000 supplement from the Wake Forest Center for Biomedical Informatics.

CTSI 2021 BASIC/TRANSLATIONAL PILOT RECIPIENTS



Wesley Hsu, PhD
Neurosurgery
"Development of a Novel
Therapeutic Strategy for the
Treatment of Brachyury-
Driven Cancer by
Intratumoral CRISPR/Cas9-
Mediated Brachyury
Disruption"

*co-funded by the Comprehensive
Cancer Center



Joost Maier, PhD
Neurobiology & Anatomy
"Linking Eating Behavior to
Multisensory Flavor Perception
in Early Childhood"



Xin Ming, PhD
Cancer Biology
"Targeted Anchoring Ecto-
enzyme on Cancer Cell
Surface to Overcome
Resistance to Antibody
Therapy in Breast Cancer"

*co-funded by the Comprehensive
Cancer Center



Benjamin Rowland, PhD
Neurobiology & Anatomy
"Preserving Visual Function with
Neuro-Protective Agents"

The Intramural Research Support Committee (IRSC) reviewed 62 letters of intent and 33 full grant applications. There were 19 applications submitted to the Clinical/Population Health RFA and 14 application to the Basic/Translational RFA.