



Corey Atkins

Travis Elementary School

Host: Connie Hsia, M.D.

The Potential of Decellularized Extracellular Matrix as Treatment for Acute Lung Injury



Jennifer Hooker

W. T. White High School

Host: Woo-Ping Ge, Ph.D.

Developing the Technology to Induce a Stroke with Nanoparticles



Mary Batalla

Crockett Middle School

Host: Avneesh Chhabra, M.D.

Femoroacetabular Impingement: Is It a Hip or Lumbar Spine Problem?



Jose Sanchez

Franklin D. Roosevelt High School

Host: Uttam Tambar, Ph.D.

Computational Predictions and Experimental Tests of Stereoselectivity: An Investigation of Substituent Effects for Diels-Alder Reactions



Jeff Bivins

Richardson High School

Host: Ralph Mason, Ph.D.

Evaluating the Effects of Vascular Disrupting Agents on 4T1-wildtype Mouse Breast Tumor Cells Through the Use of Luminol Versus the Use of Luciferin on Transgenic 4T1-luc Mouse Breast Tumor Cells



Chaztin Stigers

Duncanville High School

Host: Asaithamy Aroumougame, Ph.D.

Sub Cellular Measurement of Reactive Oxygen Species Using Genetically Encoded Probes in Live Cells



Adriane Davis

Dallas Environmental Science Academy

Host: Orhan Oz, M.D., Ph.D.

Validating the Expression of the SCD-1 Enzyme in PC-3 Against M.D.A-MB-231



Kelly Suckow

Uplift Luna Preparatory

Host: Madhukar H. Trivedi, M.D.

Association Between Measures of Everyday Resilience and Student Performance in High School



Stephen Teng

Newman Smith High School

Host: Raksha Jain, M.D.

Estrogen Hinders the Immune Response to Infection by *Pseudomonas aeruginosa*



Teresa Walker

Sam Houston Middle School

Host: Xun Jia, Ph.D.

Correlation of Dose-Volume Parameters and Clinical Rectum Side Effects in Cervical Cancer Patients Treated with High Dose-Rate Brachytherapy