



2018 Summer Students' Research Program **51st Annual Summer Students' Research Day**

POSTER PRESENTATION AWARD RECIPIENTS

Student	Supervisor	Department
*Ambika Agrawal The Role of Burn Eschar Tissue and Denatured Small Leucine Rich Proteoglycans in the Activation of Toll-Like Receptor 4 Pathway	Dr. Edward Tredget	Surgery
Gauhar Ali Skeletal Muscle Radiodensity and Cross Sectional Area Predicts Functional Outcomes in Elderly Patients Undergoing Emergency Surgery	Dr. Vickie E. Baracos	Oncology
Precious Dim Exploring Ubiquitin Variants as Potential Inhibitors of Salmonella Effector Protein SSPH1	Dr. Amit Bhavsar	Medical Microbiology & Immunology
Jordana Fersovich Tolerance to A-Antigen in Infant or Adult Mice Using MHC-Matched A-Expressing Blood Cells	Dr. Lori J. West	Pediatrics
Kara Goodkey Treatment of Spinal Muscular Atrophy Using Novel Antisense Oligonucleotides in Vivo	Dr. Toshifumi Yokota	Medical Genetics
Janyne Johnson Human Islets Express a Subpopulation of GLP-1 Secreting Alpha Cells That is Upregulated and Supports Insulin Secretion in Type 2 Diabetes	Dr. Peter Light	Pharmacology
Richard Mah Perinatal Iron Deficiency Combined with a High Salt Diet Causes Sex-Dependent Oxidative Stress and Mitochondrial Dysfunction in Adult Rat Kidneys	Dr. Stephane Bourque	Anesthesiology & Pain Medicine
Dyanna Melo A Minimized PMO Cocktail Induces Exon 45-55 Skipping for Duchenne Muscular Dystrophy	Dr. Toshifumi Yokota	Medical Genetics
Sarah Morin Mutants of Phospholamban and Their Effect on Serca Activity and Cardiac Contractility	Dr. Howard S. Young	Biochemistry
Andrew Panteluk Immune Deficiency Alters Insulin Signaling and Glucose Homeostasis in <i>Drosophila</i>	Dr. Edan Foley	Medical Microbiology & Immunology
*Ruixiang Sun Wear on Articulating Cartilage by Titanium Alloy and Cartilage	Dr. Nadr Jomha	Surgery
Jonas Szelewicki Evaluation of QPCR Assays for Molecular Serotyping of Shiga Toxin-Producing <i>E. coli</i>	Dr. Linda Chui	Laboratory Medicine & Pathology

* MD Students selected to represent the Faculty of Medicine & Dentistry (FoMD) and the University of Alberta at the annual National Student Research Forum in Galveston, Texas in April 2019.

Congratulations!