

**Session 1 - Neurosciences, Biol Chem, COVID-19**

Moderator: Peter Hoffmann

1:00-1:15	Abstract #169 <b>Celyna Becerra</b>	Parkinson's Disease: Characterization Of The ROC-COR GTPase Activity And Self-Association As A Mechanism Of LRRK2 Regulation
1:15-1:30	Abstract #186 <b>Alyssa-Jade Riglos</b> Abstract #220 <b>Billie Jean Garcia</b>	Flow Rate Of Ozone Under Conditions That Kill Rate Lungworm Larvae Absorption Of Ozone From Different Machines
1:30-1:45	Abstract #162 <b>Pashyn Morimoto</b>	Synthesis Of Imidazole-Bearing Chalcones As Potential Pulmonary Aspergillosis Treatments
1:45-2:00	Abstract #255 <b>Kailee Naito-Keoho</b>	Determining The Nature Of Citrus Sinensis Glycosyltransferases And Their Interaction With The Core Enzymes Of The Flavonoid Biosynthetic Pathway Using A Yeast 2-Hybrid Assay
2:00-2:15	Abstract #082 <b>Min Seok Han</b>	Neuroprotective Amyloid-B Core Peptide Regulates Release Of IGF-1 And BDNF From Microglia
2:15-2:30	Abstract #114 <b>Michele Pangelinan</b>	Protein Interactions Of Flavonoid Biosynthetic Pathways In Citrus Sinensis
2:30-2:45	Break	
2:45-3:00	Abstract #126 <b>Victor Kilonzo</b>	Selenium Deficiency Impairs Cognition, Sensorimotor Gating, And Energy Homeostasis In Mice
3:00-3:15	Abstract #165 <b>Leilani Alejo</b>	Feasibility Of Achieving Outpatient Discharge Following Total Knee Arthroplasty For Patients Above 70 Years Old
3:15-3:30	Abstract #040 <b>Micaiah Cape</b>	Substance Use And Covid-19
3:30-3:45	Abstract #141 <b>Carol Lu</b>	Botox As A Treatment For Migraines: A Comprehensive Study On Hawai's'S Native Hawaiian Population
3:45-4:00		

Session 2 - CMB, Cancer		
Moderator: J.P. Bingham		
1:00-1:15	Abstract #185 <b>Michelle Biete</b>	The Role Of Peptidyl-Trna Hydrolase 2 Gene Mutation In Premature Senescence Of Fibroblasts
1:15-1:30	Abstract #189 <b>Kamalei Davis</b>	Native Hawaiian Traditional Medicine Of La'Au Lapa'Au And Its Effects On Inflammation Of The Amnion
1:30-1:45		
1:45-2:00	Abstract #153 <b>Marli Koba</b>	Interferon-Gamma Upregulates Tumornecrosis Factor Alpha Receptor Subunit A In Ht-29 Myx Cells
2:00-2:15	Abstract #072 <b>Emi Lin Luo</b>	Role Of The Exocyst In Glucose Transporter Glut4 Trafficking In Heart Muscle
2:15-2:30	Abstract #152 <b>Nicholas Therrien</b>	Colorectal Cancer Microbiome: Metadata Analysis Of Organismal Associations For Database Development
2:30-2:45	Break	
2:45-3:00	Abstract #202 <b>Ryan Luce</b>	Molecular Characterization Of <i>Campylobacter jejuni</i> Isolates By Examining Cps Loci
3:00-3:15	Abstract #132 <b>Kayla Kim</b>	Investigating Dna Methylation And Quantitative Trait Loci In African American Populations
3:15-3:30	Abstract #193 <b>Jessica Natale</b>	The Use Of Cell Lines With Raman-Enhanced Spectroscopy To Characterize Childhood Cancers
3:30-3:45	Abstract #171 <b>Joshua Kepler</b>	Tweak/Fn14 Signaling Is An Important Stress Response Pathway In Urothelial Cells
3:45-4:00	Abstract #098 <b>Geetika Patwardhan</b>	Exoc3L2 Associates With The Exocyst Complex And Regulates Amyloid-Beta In Neurons

Session 3 - Biology, Data Science		
Moderator: Helia Jafari		
1:00-1:15	Abstract #073 <b>Isabelle Eiser</b>	Determining Genomic Differences Among The Virulent Pathogen <i>Vibrio vulnificus</i> Within The Ala Wai Canal
1:15-1:30	Abstract #213 <b>Mckay Guckenberger</b>	Investigating Genetic Characteristics Of <i>Vibrio vulnificus</i> On The Windward Side Of Oahu
1:30-1:45	Abstract #273 <b>Erin Graeze Ortiguero</b>	Effects Of Glucose Absorption Through Postprandial And Fasting Blood Glucose Levels
1:45-2:00	Abstract #027 <b>Brandi Mikami</b>	Embryological Instructional Correlations Using Xr Visualizations Of Dicephalic Parapagus Conjoined Twins Curated By Dr. Jacob Henle While At The University Of Heidelberg (1844-1852)
2:00-2:15		
2:15-2:30	Abstract #150 <b>Abigail Jones</b>	Understanding The Influence Of Fungal Interactions On Microbiome Community Stability
2:30-2:45	Break	
2:45-3:00	Abstract #004 <b>Andrew Winnicki</b>	Machine Learning And Metabolomics: Diagnosis Of Malignant Breast Cancer
3:00-3:15	Abstract #036 <b>Chenoa Faletoi</b>	A Fly On The Wall To The Hawaiian Drosophila Gut Microbiome Interactions
3:15-3:30	Abstract #064 <b>Mikayla Fujiwara</b>	Factors Of Patient Satisfaction After Unilateral And Bilateral Total Knee Arthroplasty
3:30-3:45	Abstract #057 <b>Riley Adachi</b>	Feasibility Of Achieving Outpatient Discharge Following Total Knee Arthroplasty For Patients Above 70 Years Old
3:45-4:00		

Session 4 - Biology, CMB, Data Science		
Moderator: Grace Matsuura		
1:00-1:15	Abstract #091 <b>Bryan Suechting</b> Abstract #088 <b>James Flynn</b>	Crispr Cas-9 Mediated Deletion Of Aberrant Kappa Light Chain Gene Segment For Improved Efficiency Of Monoclonal Antibody Sequencing
1:15-1:30	Abstract #128 <b>Bryan Suechting</b>	Compilation Of A Quick And Reliable Set Of Differentiating Tests For Closely Related <i>Bacillus</i> Species
1:30-1:45	Abstract #129 <b>Bryan Suechting</b>	Hand Sanitizer Production During A Pandemic Via The Fermentation And Distillation Of Ethanol
1:45-2:00	Abstract #177 <b>Erin Turban</b>	<i>Campylobacter</i> in a Sticky Situation
2:00-2:15	Abstract #281 <b>Michael Tong</b>	Signaling Pathways In Mouse Myocyte Differentiation And Proliferation
2:15-2:30	Abstract #164 <b>Vincent Tran</b>	Impact Of B-Amyloid Fragments On Neurotoxicity And The Anti-Apoptotic Pathway
2:30-2:45	Break	
2:45-3:00	Abstract #268 <b>Hana Trent</b>	Inactivation Of Red Fluorescent Protein (Rfp) Gene Using Crispr-Cas9
3:00-3:15	Abstract #053 <b>Trevor Hirata</b>	The Benefits Of Percutaneous Calcific Lavage In Patients With Shoulder Pain
3:15-3:30	Abstract #019 <b>Faris Hasan</b>	The Social Determinant Of Health For Clients In A Primary Care Setting
3:30-3:45	Abstract #090 <b>Cori Matsuoka</b>	Substance Use Among Emerging Adults In Hawai'i - Data Analysis Trends With Implications For Prevention
3:45-4:00		

Session 5- Natural Products, Biology, CMB, Trop Med		
Moderator: Erick Delgado		
1:00-1:15	Abstract #190 <b>Min Tsou</b>	Investigating The Morphology Of Atherosclerotic Plaque Development And Cholesterol Crystal Formation
1:15-1:30	Abstract #097 <b>Jessica Lim</b>	Investigating Antiviral Pathways Involved In Restricting Zika Virus Infection Of Sertoli Cells
1:30-1:45	Abstract #272 <b>Shelby Jenks</b>	Deactivation Of Green Fluorescent Protein Using Crispr/Cas9
1:45-2:00		
2:00-2:15		
2:15-2:30	Abstract #221 <b>Savana Vander Schuit</b>	Metabolites Of Waixenicin A: A Drug Lead From The Hawaiian Soft Coral <i>Sarcothelia edmonsoni</i>
2:30-2:45	Break	
2:45-3:00	Abstract #166 <b>Nainoa Norman Ing</b>	Examining Proinflammatory Cytokine Expression Following Hmgb1 Treatment Of Human Amniotic Epithelial Cells
3:00-3:15	Abstract #125 <b>Huanli Hu</b>	Examining The B Cell Response To Pattern Recognition Receptor Agonist In A B-Cell Receptor Independent And Dependent Manner
3:15-3:30	Abstract #028 <b>Courtney Kurashima</b>	Pediatric Bronchiolitis Admissions: What Opportunities Exist To Safely And Cost-Effectively Improve Patient Care?
3:30-3:45	Abstract #065 <b>Aaron Shiinoki</b>	Time Required For Same Day Discharge Following Unilateral Unicompartmental Knee Arthroplasty
3:45-4:00	Abstract #102 <b>Braden Kunihiro</b>	Supporting Native Hawaiian Health With Community-Based Social And Biomedical Research