

Medical Student Summer Research Presentations 2021

| Wednesday, July 28 - Afternoon | |
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| Savannah DLR Zoom ID: 991 1979 3052 | |
| 2:00 PM | AIPB in Breast Tumors <i>By: Chandler Cubbedge and Dr. Himangshu Bose</i> |
| 2:25 PM | AIPB in Breast Cancer <i>By: Allyssa Moffitt and Dr. Himangshu Bose</i> |
| 2:50 PM | AIPB in Triple Negative Breast Cancer <i>By: Williams Downs and Dr. Himangshu Bose</i> |
| 3:15 PM | Effect of Mesenchymal Stem Cells on T-Cell Immunobiology <i>By: Chasen Hall Cottle and Dr. Raghavan Chinnadurai</i> |
| 3:40 PM | Investigation of Mesenchymal Stem cell and B cell Interaction <i>By: Paige Porter and Dr. Raghavan Chinnadurai</i> |
| 4:05 PM | Obesity and Melanoma: Effect of Ephrin-B2 Signaling on RAGE <i>By: Zubair Akram and Dr. Mohammed Abdelsaid</i> |
| 4:30 PM | Obesity and Melanoma: Role of RAGE Signaling <i>By: M. Subhi Al Jabi and Dr. Mohammed Abdelsaid</i> |

| Thursday, July 29 - Morning | |
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| Zoom ID: 991 1979 3052 | |
| 9:30 AM | Bioengineering Artificial Chromosomes for Human miRNA Production <i>By: Delon Altherr and Dr. Ed Perkins</i> |
| 9:45 AM | Ectopic Tumor Suppressor p53 Expression via an Inducible Artificial Chromosome <i>By: Sean Jackewicz and Dr. Wei-Hsiung Yang</i> |
| 10:00 AM | Cholinergic activity in the auditory brainstem of fragile X model mice <i>By: Sage Havrilla, Katie McGraw, and Dr. Sarah Rotschafer</i> |
| 10:30 AM | Autism Spectrum Disorder Resources in Georgia: Barriers to ASD Diagnoses in Girls, Dr's Office Visits and ENT <i>By: Brittany Tran, Abby Unger, and Dr. Sarah Rotschafer</i> |
| 11:00 AM | Development, Analysis, and modification of Online learning for Laboratory Medicine <i>By: Neel Atawala, Cullen Dane Smith, and Dr. Ed Klatt</i> |
| 11:30 AM | PRAME Antibody in Melanomas <i>By: Christopher Lane Hatcher and Dr. Drazen Jukic</i> |
| 11:45 AM | Understanding Hemoglobin's Role in Immunomodulation Following Cardiopulmonary Bypass <i>By: Sinéad Obryant and Dr. Ron Garner</i> |

| Thursday, July 29 - Afternoon | |
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| Zoom ID: 991 1979 3052 | |
| 1:15 PM | Analyzing Social Media Habits To Help Direct Specialized Diet Programs <i>By: Keith Morgan and Dr. Anne Montgomery</i> |
| 1:30 PM | Popular YouTube Channels on Healthy Eating: Using Video Titles to Define Healthy <i>By: Steven Carroll and Dr. Anne Montgomery</i> |
| 1:45 PM | Dieting to Get Big: YouTube Perspectives of Healthy Bodybuilding Nutrition <i>By: Cody Carrell and Dr. Anne Montgomery</i> |
| 2:00 PM | Case Studies of Online Support Groups on Social Media for Dementia, Infertility, and Lupus <i>By: Melanie Shoemaker, Joncel Stephens, Thao Le, and Dr. Anne Montgomery</i> |
| 2:30 PM | The role of NF-κB in the up-regulation of the anti-inflammatory cytokine CCL22 in the context of epithelial cancers <i>By: Hannah McQueen and Dr. Pam Cook</i> |
| 2:45 PM | HIV Drug Trials <i>By: Abby Harrod and Dr. Harold Katner</i> |
| 3:00 PM | Waycross Community Assessment for Upcoming Family Justice Center <i>By: Shaquita Greene, Saadia Akram, Dr. Brad Lian, Dr. Anne Montgomery, and Heather Flowers</i> |
| 3:30 PM | Anatomy For Your Health: A Workshop to Improve the Health Literacy of High School Students <i>By: Seth Clary, C. Miller Cone, Kaitlyn Holder, Dr. Janine Chalk-Wilayto, and Dr. Francis Kirera</i> |
| 4:00 PM | Fluoride Exposure is Associated with Decreased Levels of Sex Hormones in Male Adolescents Ages 12-18 Years <i>By: Rachel Fricker and Dr. Yudan Wei</i> |
| 4:15 PM | Trauma's Impact on Development <i>By: Tirth Patel and Dr. Andrea M. Stinson</i> |

| Friday, July 30 - Morning | |
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| Zoom ID: 991 1979 3052 | |
| 9:30 AM | Obstacles in Medical Care Faced by Patients with Disabilities (with specific case studies) <i>By: Yazan Alwawi, Benjamin Day, Brooke Eck, Musab Gulzar, Chandler Hammond, Thao Le, Rachel Nissen, Avani Patel, and Dr. Peter Uchakin</i> |
| 10:45 AM | Expression of Metallothionein and the Distribution of Mercury in Rat Models <i>By: Aditi Dave and Dr. Christy Bridges</i> |
| 11:00 AM | Effect of Vitamin D on Mesenchymal Stem Cell Regulation <i>By: Courtney Thomas and Dr. Robert McKallip</i> |
| 11:15 AM | The Value of Mile Behavioral Impairment <i>By: Victoria Davis, Christina Grace Gross, Eric Hua, Yvonne Nguyen, and Dr. Brad Lian</i> |
| 11:45 AM | Neuroanatomical Distribution of Strokes in Patients from the American Stroke Belt & Educational Cases Brain Abscess by Rick Bowens Coccidioidomycosis by Rachel Brineman Neuromyelitis Optica Spectrum Disorder by Nathaniel Kitchens Lambert Eaton Syndrome by Austin Huddleston <i>By: Rick Bowens, Rachel Brineman, Austin Huddleston, Nathaniel Kitchens, and Dr. Larry Nichols</i> |