

MERCER UNIVERSITY

COLLEGE OF PHARMACY AND SCHOOL OF MEDICINE

# JOINT RESEARCH CONFERENCE

OCTOBER 25, 2024 | SCHEDULE OF EVENTS

**9:00 AM - 9:15 AM**

## INTRODUCTION & AWARDS

ATLANTA | Zoom

MACON | New Distance Learning Room

COLUMBUS | Distance Learning Room

SAVANNAH | Distance Learning Room

Mohammed Abdelsaid, PhD

Jean Sumner, MD, FACP

**9:15 AM - 10:00 AM**

## KEYNOTE LECTURE

The Opioid Epidemic: Impact and Solutions for Georgia

G. Allen Tindol, MD

**10:00 AM - 10:40 AM**

## ORAL PRESENTATIONS - SESSION 1

Moderators: Mohammed Abdelsaid, PhD and Alexis Ramos

**Tanisha Manoj Arte ATLANTA**

Microparticulate Vaccine patch that fights COVID-19

**Miller Gantt COLUMBUS**

Efficacy of Stand-alone Anterior Lumbar Interbody Fusion with PEEK Cages, rhBMP-2 and Allografts for Treating Discogenic Low Back Pain: Assessing Clinical and Radiographic Outcomes

**Francis Kirera, PhD MACON**

Anatomy for Your Health - An Anatomy-based Education Outreach Workshop

**Paul Lee SAVANNAH**

Effects of H3K9me3 on DNA Damage Susceptibility in Premature Aging Syndromes

**10:40 AM - 11:00 AM**

## BREAK

**11:00 AM - 12:20 PM**

## ORAL PRESENTATIONS - SESSION 2

Moderators: Raghavan Chinnadurai, PhD and Iuliia Zhuravlova, MD, PhD

**Raquibul Hasan, PhD ATLANTA**

Targeting the Endothelin System for the Treatment of Drug-resistant Hypertension

**Olivia Penela COLUMBUS**

Integrating a Unique Mindfulness-Based Stress Reduction Training into the First-year Medical Student Curriculum

**Je'Marcus McDaniel MACON**

Habit Training Intervention Based in Mindfulness to Reduce Stress and Burnout Amongst Medical Students

**Grace Fawcett SAVANNAH**

From Trial to the Prescription Pad: Quality Improvement of SGLT-2 Inhibitor Prescription Prevalence for Patients with Diabetes and Heart Failure

**Sterling Neill ATLANTA**

Formulation of Stat6 siRNA loaded gelatin nanocarriers (S6S-GNC-P) for targeting T cells for asthma treatment

**Bryce Britt COLUMBUS**

Molecular synergism between microRNAs and small molecules to convert human fibroblasts into medium spiny neurons: Comparison of MAP2 expression between chemical-and-viral-induced MSNs

**Sumil Shah MACON**

Nitrous Oxide-Induced Rhabdomyolysis in Substance Abuse Patients: A Case Report

**Alexandra Perry SAVANNAH**

Survey of Organ Procurement Organizations' Policy and Response to Pregnant Organ Donors in Abortion Restrictive States

**12:20 PM - 2:00 PM**

## LUNCH BREAK & POSTER SET UP

**2:00 PM - 5:00 PM**

## POSTER PRESENTATIONS

ATLANTA | Sheffield Gymnasium

MACON | MUSM Library and Lobby

COLUMBUS | Large Classroom

SAVANNAH | Auditorium