

2023 LOUISIANA LUNG CONFERENCE

Pathogenesis of Infectious and Non-Infectious Pulmonary Diseases

September 6th, 2023

1212C, LSU Vet Med

Agenda - Central Standard Time (CST)

8:20 to 8:45 p.m. **Breakfast**

8:45 to 8:55 a.m. **Oliver Garden, BVetMed, Ph.D., FHEA, FCCP, FRCVS, DACVIM, DECVIM-CA**, Dean, *Welcome and Opening Remarks*

9:00 to 10:00 a.m. **Elizabeth (Liz) Kovacs, Ph.D.**, Director, Burn Research and Alcohol Research Program, Professor and Vice Chair of Research, Department of Surgery, Anschutz Medical Campus, University of Colorado

Keynote 1: Aging and the Gut-Lung Axis after Burn Injury

10:00 to 10:30 a.m. **Basel Abuaita, Ph.D.**, Project Investigator, LSU Vet Med

Activation of the endoplasmic reticulum stress regulator compromises immunity to MRSA lung infection.

10:30 to 11:00 a.m. **Mariano Carossino, D.V.M., Ph.D. Dipl. ACVM, Dipl. ACVP**, Project Investigator, LSU Vet Med

The role of adipocyte-driven inflammation and leptin pathway in pulmonary viral infections caused by SARS-CoV-2 and influenza A viruses.

11:00 to 11:30 a.m. **Chen Chen, Ph.D.**, Project Investigator, LSU College of Science

Manipulation of the Innate Immune Response by a Staphylococcal Protein SSL11

11:30 to 12:00 a.m. **William Beavers, Ph.D.**, Project Investigator, LSU Vet Med

Metabolic shifts in energy production alter Staphylococcus aureus susceptibility to polyunsaturated fatty acid toxicity.

12:00 to 1:00 p.m. **Lunch break and Networking (Box lunch will be provided)**

1:00 to 2:00 p.m. **Prosper Boyaka, Ph.D.**, Professor and Chair, Stanton Youngberg Professor in Veterinary Medicine, Department of Veterinary Biosciences, Co-Director, Infectious Disease Institute, College of Veterinary Medicine, Ohio State University

Keynote 2: Role of intestinal epithelial cells in gut-lung axis and regulation of allergy and asthma

2:00 to 3:00