

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 IRE1 α 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 p.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

Special Topic: How NIH works and the grant review process

Steven Varga, Ph.D., Dean of Graduate School of Biomedical Sciences, St. Jude Children's
Research Hospital (Moderator)

3:00 to 3:20 p.m. **Antonieta Guerrero-Plata, Ph.D.**, Pilot Project Investigator, LSU Vet Med

Regulation of the antiviral response by microRNA Expression in pneumovirus Infection

3:20 to 3:40 p.m. **Gianluca Veggiani, Ph.D.**, Pilot Project Investigator, LSU Vet Med

Development of broadly neutralizing antibodies for emerging SARS-CoV-2 variants

3:45 to 3:55 p.m. **Tammy Dugas, Ph.D.**, Co-PI, Everett Besch Professor, Associate Dean for Research and
Graduate Education
Closing Remarks

4:00 to 5:30 p.m. **COBRE investigators meeting with the EAC (Closed Session)**

Sponsored by the Center of Biomedical Research Excellence (COBRE)