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 IRE1α 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 SSL1*

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)**

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