November 2, 2018 (Friday)

10:00 AM – 12:00 noon  Registration (Hilton Hotel, College Station)

12:00 noon – 1:00 PM  Lunch box (provided by the Symposium organizing committee)

1:00 – 1:05 PM  Introduction to the Symposium
Dr. Guoyao Wu, University Distinguished Professor, TAMU

1:05 – 1:10 PM  Dr. Patrick Stover, Professor and Dean, College of Agriculture & Life Sciences, TAMU

1:10 – 1:15 PM  Dr. Cliff Lamb, Professor and Head, Department of Animal Science, TAMU

Session 1, Chaired by Dr. Boon P. Chew (Professor and Head, Dept. of Nutrition & Food Science, TAMU)

1:15 – 1:50 PM  Dr. Patrick J. Stover, Professor and Dean, College of Agriculture and Life Sciences
"Folate metabolism in health and disease"

1:50 – 2:25 PM  Dr. Hitoshi Shirakawa, Associate Professor, Tohoku University
Laboratory of Nutrition, Graduate School of Agricultural Science, Tohoku University
"Vitamin K regulates the gene expression of drug-metabolism and bile acid synthesis via pregnane X receptor"

2:25 – 3:00 PM  Dr. Toshinobu Kuroishi, Assistant Professor, Tohoku University
Division of Oral Immunology, Graduate School of Dentistry
"Regulation of immunological functions by biotin"

3:00 – 3:15 PM  Tea/Coffee break

Session 2, Chaired by Dr. Greg Johnson (Professor, Department of Veterinary Integrative Biosciences)

3:15 – 3:50 PM  Dr. Fuller W. Bazer, University Distinguished Professor, TAMU
"Nutrient signaling in conceptus survival, growth and development"

3:50 – 4:25 PM  Dr. Ameer Taha, Assistant Professor, University of California, Davis
"Lipidomic characterization of altered lipid pathways in post-mortem pre-frontal cortex of Alzheimer's and Multiple Sclerosis Patients"

4:25 – 5:00 AM  Dr. Stephen B. Smith, Regent Professor, TAMU
"Consumption of beef meat and human health"

6:00 PM  Dinner box (provided by the symposium organizing committee)

6:30 – 8:00 PM  Posters
Hilton Hotel, College Station
November 3, 2018 (Saturday)

7:00 – 8:00 AM  Continental breakfast (provided by the Symposium organizing committee)

Session 3, Chaired by Dr. Rosemary Walzem (Professor, Department of Poultry Science, TAMU)

8:15 – 8:50 AM  Dr. Robert S. Chapkin, University Distinguished Professor, TAMU
“Fat-fiber interaction and colon cancer risk”

8:50 – 9:25 AM  Dr. Masaaki Toyomizu, Professor, Tohoku University
“Novel emergence of beige fat in the environmental adaptation of birds”

9:25 – 10:00 AM  Dr. Masaru Enomoto, Associate Professor, Tohoku University
“Synthetic study of an ergot alkaloid, paspalinine”

10:00 – 10:15 AM  Tea/Coffee break

Session 4, Chaired by Dr. Nicolaas Deutz, Professor, Department of Health & Kinesiology, TAMU

10:15 – 10:50 PM  Dr. Cynthia J. Meininger, Professor, TAMU
“Anti-oxidative nutrients and endothelial NO synthesis in diabetes and obesity”

10:50 – 11:25 AM  Dr. Yurika Otoki, Postdoctoral Fellow, Tohoku University
“Exploring the link between plasmalogen metabolism and Alzheimer’s with or without vascular disease”

11:25 AM – 12:00 noon  Dr. Craig H Warden, Professor University of California, Davis
“Diet lessons from studies in mice”

Closing remarks

12:00 – 12:05 PM  Dr. Guoyao Wu, University Distinguished Professor, TAMU

12:05 PM  Lunch box (provided by the Symposium organizing committee)