



SIMD NAMA 1.0

Society for Inherited Metabolic Disorders North American Metabolic Academy

Conference Agenda

Lanier Islands Legacy Lodge,
Buford, Georgia

Sep 30 - Oct 6, 2023

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SATURDAY, SEPTEMBER 30, 2023 - DAY 0

Preliminary Session

- 18:00 Dinner
- 19:00 Welcome and Overview Lecture
- 19:45 Pre-Course Self-Evaluation

SUNDAY, OCTOBER 1, 2023 - DAY 1

Defects of Protein Metabolism

- 06:30 Breakfast
- 08:00 Amino Acid Disorders (Classic Disorders)
- 09:15 Urea Cycle Disorders
- 10:30 Break
- 11:00 Organic Acidemias
- 12:00 Disorders of Vitamin Metabolism (Cobalamin, Folate, Biotin, Pyridoxine)
- 13:00 Lunch
- 14:00 Biochemical Genetics Laboratory (Amino Acids, GC/MS, Tandem MS, NBS)
- 15:15 Introduction to Metabolic Nutrition
- 16:00 Break and Metabolic Tasting Experience
- 16:30 Workshop: Amino Acids, Organic Acids, Urea Cycle [Small Group]
- 18:30 Video - "Let Me Do it Alone!"
- 19:00 Dinner
- 20:15 Reception

MONDAY, OCTOBER 2, 2023 - DAY 2

Energy Substrates and Hypoglycemia: Defects of Carbohydrate, Fatty Acid, and Ketone Body Metabolism

- 06:30 Breakfast
- 08:00 Introduction to Hypoglycemia and Gluconeogenesis
- 09:00 Glycogen Storage Diseases
- 09:45 Break and Exhibiter Fair
- 10:45 Inborn Errors of Fructose and Galactose Metabolism
- 11:45 Fatty Acid Oxidation Defects and Ketone Body Metabolism
- 12:45 Lunch and Exhibiter Fair
- 13:45 Glucose Transporter Defects
- 14:30 Workshop: Hypoglycemia [Small Group]
- 16:30 Break
- 17:00 Workshop: Approaching Metabolic Disease from a Laboratory Perspective [Small Group]
- 18:30 Dinner

TUESDAY, OCTOBER 3, 2023 - DAY 3

Mitochondrial Energy: Disorders of Oxidative Phosphorylation and Pyruvate Metabolism

Defects of Purines, Pyrimidines, Creatine, Neurotransmitter Metabolism

- 06:30 Breakfast
- 08:00 Diagnostic Approach to Lactic Acidemia and Defects of Pyruvate Metabolism
- 09:00 Mitochondrial Disease: Energy Metabolism
- 09:45 Break
- 10:15 Mitochondrial Disease: Respiratory Chain Defects
- 11:15 Workshop: Mitochondrial Energy Metabolism Disorders [Small Group]
- 12:45 Lunch
- 13:45 Workshop: Newborn Screening [Small Group]

- 14:45 Defects of Neurotransmitter and Creatine Metabolism
- 15:45 Break
- 17:30 Dinner
- 19:00 The NAMA Debates!
- 20:00 Reception

WEDNESDAY, OCTOBER 4, 2023 - DAY 4

Disorders of Complex Molecules

- 06:30 Breakfast
- 08:00 Metabolism of Complex Molecules: New Paradigms in Pathophysiology and Diagnosis
- 09:00 Disorders of Non-Mitochondrial Fatty Acid Metabolism
- 10:00 Break
- 10:30 Congenital Disorders of Glycosylation
- 11:30 Lysosomal Storage Disease Overview
- 12:30 Lunch
- 13:30 The Metabolism Clinic, Part I [Small Group]
- 15:30 Break
- 16:00 The Metabolism Clinic, Part II [Small Group]
- 18:30 Dinner

THURSDAY, OCTOBER 5, 2023 - DAY 5

Diagnostic Approaches: You're the Doc!

Adults

- 06:30 Breakfast
- 08:00 Adult Metabolic Emergencies [Large Group]
- 09:00 Workshop: Diagnostic Approach to Neurometabolic Syndromes in Adults 1 [Large Group]
- 10:30 Break
- 11:00 Workshop: Diagnostic Approach to Neurometabolic Syndromes in Adults 2 [Large Group]
- 12:30 Lunch

Pediatrics

- 13:30 Dysmorphic Features in Inborn Errors of Metabolism
- 14:30 Workshop I: Diagnostic Approach to Metabolic Disease in Infancy - Analysis in groups [Small Group]
- 16:15 Workshop II: Diagnostic Approach to Metabolic Disease in Infancy - Competition [Small Groups in Teams]
- 18:15 Dinner
- 20:00 Talent Show, Metabolic Jeopardy, and Reception

FRIDAY, OCTOBER 6, 2023 - DAY 6

Concluding Session

- 06:30 Breakfast
- 08:00 Final Comments
- 08:30 Course Evaluation
- 08:45 Post-Course Self-Evaluation

