CLINICAL SESSION SCHEDULE

8:30 a.m-9:00 a.m. - Welcome and Introductions  
*Speaker:* Laurie S. Kaguni, PhD, Michigan State University

9:00 a.m.-10:00 a.m. – The Scientific Basis of Mitochondrial Disease  
*Speaker:* Lawrence I. Grossman, PhD, Wayne State University School of Medicine

10:00 a.m.-11:00 a.m. - Using New Technologies to Diagnose Old Disorders: Next Generation Sequencing for Mitochondrial Disorders  
*Speaker:* Gerald Feldman, MD, PhD, FACMG, Wayne State University School of Medicine

11 a.m.-11:30 a.m. - Break

11:30 a.m. – 12:15 p.m. - Coordination of Care with Mitochondrial Specialists  
*Speaker:* Bruce Cohen, MD, Akron Children’s Hospital, Akron, OH and Marni Falk, MD, Children’s Hospital of Philadelphia, PA

12:30 p.m. - 1:30 p.m.  *Lunch* – MseqDR Overview  
*Speaker:* Marni Falk, MD

2:00 p.m. – 3:00 p.m. - Potential Treatments and Therapies  
*Speaker:* Sumit Parikh, MD, Cleveland Clinic, Cleveland, OH

3:00 p.m. – 3:45 p.m. - Special Topics – Predictability and Prognosis in POLG Syndromes  
*Speaker:* Laurie S. Kaguni, PhD, Michigan State University, East Lansing, MI

3:45 p.m. – 4:00 p.m. - Break

4:00 p.m. – 5:00 p.m. - Problem Solving Complicated Cases – Moderator: Bruce Cohen, MD  
*All Speakers*

5:00 p.m. - Reception – *Clinical/Medical and Patient/Families to Network*
The goals of this activity are to define the basic science behind mitochondrial diseases, the new technologies being used to diagnose and evaluate these disorders, discuss the level of certainty that the diagnosis of mitochondrial disease is correct, potential treatments and therapies, introduce the concepts of primary and secondary mitochondrial disorders, and discuss the predictability and prognosis in POLG syndromes. The scientific knowledge necessary to understand the field as a clinician now involves the study of fields of tissue biochemistry, proteomics, genomics, developmental biology, dynamic anatomy, and systems information networks. It is impossible for the clinician to keep up on all of the new scientific developments and this course will address the updates in these fields, so they may remain abreast of current advances in the field.

TARGET AUDIENCE
Neurologists, Geneticists, Pediatrics, Internal Medicine, Nephrologists, Cardiologists, Endocrinologists, Family Medicine, Advanced Practice Nurses, Physicians Assistants, RNs, Occupational Therapy, Physical Therapy and Speech-Language Pathology, Nutritional Therapy, Residents/Fellows, and Medical Students.

SYMPOSIUM FACULTY
- Laurie S. Kaguni, PhD, Course Chair, Michigan State University
- Bruce H. Cohen, MD, 2015 CME Chair, Akron Children's Hospital, Akron, OH
- Marni Falk, MD, Children’s Hospital of Philadelphia, PA
- Gerald Feldman, MD, PhD, FACMG, Wayne State University School of Medicine
- Lawrence I. Grossman, PhD, Wayne State University School of Medicine
- Sumit Parikh, MD, The Cleveland Clinic, Cleveland, OH

ACCREDITATION STATEMENT
This activity has been planned and implemented in accordance with the Essential Areas, Elements & Policies of the Ohio State Medical Association through the joint providership of Children’s Hospital Medical Center of Akron and United Mitochondrial Disease Foundation. Children’s Hospital Medical Center of Akron is accredited by the OSMA to provide continuing medical education for physicians.

CREDITS
The Children’s Hospital Medical Center of Akron designates this live activity for a maximum of 6.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

For detailed CME accreditation information, learning objectives, and faculty disclosures, visit www.umdf.org/symposium/greatlakes.

REGISTRATION REQUIRED
Register now at www.umdf.org/symposium/greatlakes.