



## Curriculum & Agenda

### Hands-on Group Sessions

Monday and Wednesday afternoons will feature hands-on workshops focused on achievable approaches.

#### Practice-based Session

Practice-based session: Attendees participating in this session will learn to use genetic concepts, common variants and the occasional haplotype in everyday practice. The session will review typical case scenarios and explore specific language for effective messaging.

#### Research-based Session

Research-based session: Attendees participating in this session will learn to implement and experiment with statistical methods involving their own genetic data\*. They will also learn to interpret their genotype data. Attendees interested in this session are required to know the use of command-line interface.

\*only with early registration

### Monday, May 16, 2022

8:30 AM	Registration and Continental Breakfast	
9:15 AM	Welcome to Workshop	Saroja Voruganti, PhD
9:25 AM	Overview of Nutrigenomics/Nutrigenetics	Martin Kohlmeier, MD, PhD
10:15 AM	Genetics primer for Nutrition Researchers	Brian Bennett, PhD
11:05 AM	BREAK	
11:20 AM	Genetics in Nutritional Epidemiology	Kari North, PhD
12:10 PM	Experimental Approaches in Nutrigenetics #1	Martin Kohlmeier, MD, PhD
1:00 PM	LUNCH	
2-4:30 PM	Workshop 1 - Analyze and Interpret Your Genetic Data	Saroja Voruganti, PhD and Martin Kohlmeier, MD, PhD
6:00 PM	Introductory Reception and Dinner	

### Tuesday, May 17, 2022

8:30 AM	Continental Breakfast	
9:00 AM	Experimental Approaches in Nutrigenetics #2	Cory Brouwer, PhD
9:50 AM	NGx for Studying Nutrient Requirements	Susan Smith, PhD
10:40 AM	NGx for Study of Cancer	Stephen Hursting, PhD
11:30 AM	BREAK	
11:45 AM	NGx for Study of Cognitive Function	Carol Cheatham, PhD
12:35 PM	NGx and Metabolomics	Susan Sumner, PhD
1:25 PM	LUNCH	
4-9:00 PM	Afternoon Group Activities (NRI Tour, Dinner and Cannon Ballers Game)	
6:00 PM	Dinner at Embassy Suites (for all others)	



## Wednesday, May 18, 2022

8:30 AM	Continental Breakfast	
9:00 AM	NGx and Microbiome	Katie Meyer, PhD
9:50 AM	Nutrition and Epigenetics - a Primer	Folami Ideraabdullah, PhD
10:40 AM	BREAK	
10:55 AM	Nutrient Genetic Regulation of Methylation Potential	Natalia Krupenko, PhD
11:45 AM	Epigenetics and Metabolic Programming	Elizabeth Tejero, PhD
12:35 PM	LUNCH	
2-4:30 PM	Workshop 2 - Analyze and Interpret Your Genetic Data	Saroja Voruganti, PhD and Martin Kohlmeier, MD, PhD
6:00 PM	Banquet Dinner with Keynote Speaker Dr. Robert Waterland	

## Thursday, May 19, 2022

8:30 AM	Continental Breakfast	
9:00 AM	Childhood Obesity: an Overview	Saroja Voruganti, PhD
9:15 AM	Nutrition and Epigenetics in Childhood Obesity	Margarita Teran-Garcia, PhD
10:05 AM	BREAK	
10:20 AM	Biological and Social Determinants of Childhood Obesity	Felipe Ortega, PhD
11:10 AM	Application of NGx Approaches to Obesity Prevention in Children	Elizabeth Tejero, PhD
12:00 PM	LUNCH	