

		Monday (8/26/19)		Tues (8/27/19)		Wed (8/28/19)		Thurs (08/29/19)		Friday (8/30/19)	
	8:15	Check-in/Welcome/introductions		Principles of Gene Editing Angela Lek, PhD		Molecular Pathogenesis of the Myotonic Dystrophies (DM1 and DM2) Nicolas Wein, PhD		Congenital Myopathies Megan Waldrop, MD		Mitochondrial Myopathies Michio Hirano, MD	
	9:00	The Dystrophinopathies: Clinical and Genetics Kevin Flanigan, MD		Principles of Gene Therapy Afrooz Rashnnejad, PhD		FSHD Genetics and Pathogenesis Nizar Saad, PhD		Sarcolemma in Health and Disease Noah Weisleder, PhD		Autoimmune Neuropathies Adam Quick, MD	
	9:45	Break		Break		Break		Break		Break	
	10:00	DMD Pathophysiology Jill Rafael-Fortney, PhD		FSHD and DM1 Clinical Bakri El-Sheikh		SMA Clinical Megan Waldrop, MD		Anne Connolly, MD Congenital Myasthenic Syndromes 10:00a - 10:30a		Determining the cause of weakness in critically ill patients Mark Rich, MD, PhD	
	Tues only: 10:30					ALS: Clinical and Genetic Features Stephen Kolb, MD, PhD		SMA: Therapeutics Arthur Burghes, PhD		NT-3 Therapy for CMT Zarife Sahenk, MD, PhD	
	10:45	Intro to Neuromuscular Pathology Daniel Boue, MD, PhD		The LGMDs Matt Wicklund, MD Note: 11:00 to 11:45 AM		Muscle stem cell populations in development and disease Emanuela Gussoni, PhD		Disorders of Glycosylation Paul Martin, PhD		Inflammatory/Acquired Myopathies Miriam Freimer, MD	
	Tues only: 11:00							Child Health Research Center Seminar: Perry Shieh, MD, PhD Gene Therapy for Myotubular Myopathy David Geffen School of Medicine at UCLA Ronald Reagan UCLA Medical Center			
Noon (Tues & Thurs only)	11:30	Overview of the Design of Muscle for Force Production and Transmission and Defects that result in Disease Lee Sweeney, PhD		Clinical and Translational Research Seminar: Bertrand Fontaine, MD, PhD Muscle Channelopathies: from bench to patient care and discoveries" Insitute of Myology, Paris		Lunch				Lunch	
	12:15										
	Friday only: 12:30	Lunch								PPMD Amanda Wilkinson, RN, BSN 12:45	
	1:00	Bus to OSU (selected wet labs)		Bus to OSU (selected wet labs)		Bus to OSU (selected wet labs)		Bus to OSU (selected wet labs)		Career Development for the Young Investigator: insights from the NIH and private foundations Tom Cheever, PhD	
		Clinical track	Lab track (wet labs)	Clinical track	Lab track (wet labs)	Clinical track	Lab track (wet labs)	Clinical track	Lab track (wet labs)		
	1:15	Glycogenoses Chad Hoyle, MD	Muscle Histopathology (NCH) Melanie Herring Megan Berger	Adult Cases from the Clinic/Clinical Vignettes Bakri Elsheikh, MD Matt Wicklund, MD	Seahorse Lab Kedryn Baskin, PhD (OSU) BRT 380	Bone Health in NMD Garey Noritz, MD	Electroporation of DNA into mouse muscles Federica Accornero DHLRI 519	The Floppy Infant Reghan Foley, MD	In vivo mouse electrophysiology and physiology lab Dave Arnold, MD (OSU) 207 Rightmire Hall	Career Development for the Young Investigator: the view from academia Dennis Durbin, MD	
	2:00	Emery-Dreifuss / laminopathies Albert Tsao, MD		Isolation of primary myoblasts from mice Jill Rafael-Fortney, PhD (OSU) 410 Hamilton Hall	Introduction to Flow Cytometry to Study Muscle Progenitor Cells Emanuela Gussoni, PhD (NCH) WA2525	Cardiac Care in the Muscular Dystrophies Linda Cripe, MD		In vivo mouse electrophysiology and physiology lab Dave Arnold, MD (OSU) 207 Rightmire Hall	Detection Methods for Muscle Post-translational Modification Brandon Blesiadecki, PhD (OSU) 5199 Graves Hall		
	2:45	Break		Adult Cases Continued (see above)	Zebrafish Wet Lab Sharon Amacher, PhD (OSU) Rightmire	Neuromuscular Junction Bakri Elsheikh, MD		Introduction to Flow Cytometry to Study Muscle Progenitor Cells Emanuela Gussoni, PhD (NCH) WA3525	Pediatric Cases from the Clinic/Clinical Vignettes Reghan Foley, MD Perry Shieh, MD, PhD	Gene Delivery Techniques and Tissue Harvesting Kathrin Meyer, PhD (NCH) WA2109	
	3:00	Use and Interpretation of Genetic Testing Matthew Pastore, MS, CGC		Muscle Physiology Lab Paul Janssen, PhD (OSU) 200 Hamilton Hall	Clinical Outcomes Measures Linda Lowes, PhD Lindsay Alfano, DPT	Ventilation for NMD Grace Paul, MD					
	3:45	Next Generation Techniques for Molecular Diagnosis Kim McBride, MD									
	4:30	Bus to OSU DHLRI 165		Bus from OSU		Bus to OSU DHLRI 165			Bus from OSU		
	5:00 PM Keynote	Keynote (@OSC, DHLRI 165) "New insights into gene expression regulation in muscle". Federica Accornero, PhD Ohio State University		Keynote (@NCH) Genome Interpretation and Diagnosis of Muscular Dystrophies Monkol Lek, PhD Yale University		Keynote (@OSC, DHLRI 165) Bench to Bedside Stories-Genes Therapy for Neurodegenerative Diseases Kathrin Meyer, PhD NCH Center for Gene Therapy		Keynote (@NCH) Emerging Therapeutics for Muscle Disease Jerry Mendell, M.D. NCH Center for Gene Therapy			
		Introductory Mixer (7:30 pm) Hilton Hotel						Gala Dinner (7:30 pm) Le Meridien			