

2013 Wellstone/NCH/OSU Myology Training Course (Draft V7)

	Monday (8/26/13)	Tues (8/27/13)	Wed (8/28/13)	Thurs (8/29/13)	Friday (8/30/13)				
8:15	Registration/introductions	Muscle Development Federica Montanaro, PhD	Cachexia/Muscle Signalling Denis Guttridge, PhD	Congenital Myopathies Chris Pierson, MD, PhD	Mitochondrial Myopathies Michio Hirano, MD				
9:00	DMD Clinical and Genetics Kevin Flanigan, MD	Contractile Proteins Lee Sweeney, PhD	Disorders of Glycosylation Paul Martin, PhD	Myotonic Dystrophy: Pathogenesis and Therapeutics K. Reed Clark, PhD	Autoimmune Neuropathies John Kissel, MD				
9:45	Break	Break	Break	Break	Break				
10:00	DMD Pathophysiology Jill Rafael-Fortney, PhD	FSHD and DM1 Clinical, MD John Kissel	ALS: Clinical and Genetic Features Stephen Kolb, MD, PhD	SMA: Clinical John Kissel, MD	Critical Illness Myopathy Mark Rich, MD, PhD				
10:45	Principles of Gene Therapy Louise Rodino-Klapac, PhD	FSHD Genetics and Pathogenesis Scott Harper, PhD	Hereditary Neuropathies Zarife Sahenk, MD, PhD	SMA: Therapeutics Arthur Burghes, PhD	Channelopathies Dave Arnold, MD				
11:30	Intro to Neuromuscular Pathology Zarife Sahenk, MD, PhD	The LGMDs Matt Wicklund, MD	Neuromuscular Junction Disorders Alan Sanderson, MD	Break	Inflammatory/Acquired Myopathies Miriam Freimer, MD				
12:15	Lunch	Clinical and Translational Research Seminar Jay Han, MD, PhD Measuring Motor Function in Neuromuscular Disease	Lunch	CHRC/Wellstone Lecture: Volker Straub, MD	Lunch				
12:30 (Fri only)									
1:00	Bus to OSU (Basic)	Bus to OSU (Basic)	Bus to OSU (Basic)	Bus to OSU (Basic)	The Parent Project Muscular Dystrophy Pat Furlong				
1:15	Clinical	Basic (Wet lab)	Clinical	Basic (Wet lab)	Clinical	Basic (Wet lab)			
1:15	Glycogenoses Chad Hoyle, MD	Muscle Histopathology Sarah Lewis (NCH) Myoblast/Myotube Culture and Single Fiber Preparation Denis Guttridge, PhD (OSU) Zebrafish Wet Lab Christine Beattie, PhD (OSU)	Adult Cases from the Clinic/Clinical Vignettes John Kissel, MD Matt Wicklund, MD	Cardiomyocyte Prep Mark Ziolo, PhD (OSU)	Cardiac Care in the Muscular Dystrophies Linda Cripe, MD	Cardiomyocyte Prep Mark Ziolo, PhD (OSU)	The Floppy Infant Carsten Bonnemann, MD	Muscle Histopathology Sarah Lewis (NCH)	Career Development for the Young Investigator John Barnard, MD
2:00	Emery-Dreifuss / laminopathies		Introduction to Flow Cytometry to study muscle cells Federica Montanaro, PhD (NCH)	Ventilation for NMD Richard Shell, MD	Muscle Physiology Lab Paul Janssen, PhD (OSU)	Imaging of muscle disease Volker Straub, MD	Muscle Physiology Lab Paul Janssen, PhD (OSU)	The MDA: Grant Programs, and Career Development Valerie Cwik, MD	
2:45	Break		Break	Break	Break	Break	Break	Assessment/Feedback/Dismissal	
3:00	Use and Interpretation of Genetic Testing Matthew Pastore, MS, CGC		Outcome measures for clinical trials Linda Lowes, DPT	Zebrafish Wet Lab Christine Beattie, PhD (OSU)	Bone Health in NMD Garey Noritz, MD	Myoblast/Myotube Culture Lab and Single Fiber Prep Denis Guttridge, PhD (OSU)	Pediatric Cases from the Clinic/Clinical Vignettes Carsten Bonnemann, MD Volker Straub, MD	Introduction to Flow Cytometry to study muscle cells Federica Montanaro, PhD (NCH)	
3:45	Next Generation Techniques for Molecular Diagnosis Kandamurugu Manickam, MD		Outcomes lab Linda Lowes, DPT Lindsay Alfano, PhD		Exercise in NMD Dave Arnold, MD				
4:30	Bus to OSU	Bus to OSU	Bus to OSU	Bus to OSU	Bus to OSU	Bus to OSU	Bus to OSU		
5:00 PM Keynote	Emerging Therapeutics for Muscle Disease Jerry Mendell, MD	Extraocular Satellite Cells as Engines of Myogenesis Zipora Yablonka-Reuveni, PhD	Emerging Therapeutics for Motor Neuron Diseases Brian Kaspar, PhD	Collagenopathies Carsten Bonnemann, MD					
				Gala Dinner (7:30 pm) Westin Hotel					