

# 24<sup>th</sup> Annual Neuromuscular Study Group Scientific Meeting

**Thursday, September 21, 2023**

We will have early check in from 4:00pm-6:00pm on Thursday

## Day 1: Friday, September 22, 2023

6:30am-8:00am	Buffet Breakfast and Check-In
8:00am-8:20am	Welcome and State of the Neuromuscular Study Group Dr. Richard Barohn and Prof Michael Hanna
	<i>Session I: Peripheral nerve</i>
8:20am-8:40am	Dr. Aisling Carr – Inflammatory neuropathy
8:45am-9:05am	David Hermann, MBBCh -
9:10am-9:30am	Riccardo Zuccarino - Resp involvement in neuropathy
9:35am-9:55am	Stephan Zuchner, MD, PhD -
10:00am-10:15am	Refreshment/Exhibitor Break
10:15am-10:35am	James Howard, MD - new treatments in MG
10:40am-11:00am	Jon Katz, MD – Updates on ALS
	<b>Session II – Flash Presentations (6 people) from accepted scored abstracts</b>
11:05am-11:10am	TBD
11:12am-11:22am	TBD
11:24am-11:34am	TBD
11:36am-11:46pm	TBD
11:48pm-11:58pm	TBD

12:00pm-12:10pm

TBD

12:15am-1:30pm

Lunch

*Muscle Study Group Executive Committee Meeting*

1:30pm-3:00PM

Young Investigator/Evaluator Session Breakout

1:30pm-3:00PM

Coordinators Session Breakout

3:00pm-3:15pm

Refreshment/Exhibitor Break

**Session III: Aging/cachexia/disuse**

3:15-3:35pm

**Thomas Wishart, PhD** - Focus on proteomic studies of differentially vulnerable brain regions in humans and non-human primates to identify novel regulators of nervous system stability in aging.

3:40pm-4:00pm

**Prof Miranda Grounds, PhD**

4:05pm-4:25pm

**Matt Birkbeck, PhD** - Changes in Motor Unit MRI with age /sarcopenia

4:30pm-4:50pm

**Roger Fielding, PhD** - Clinical aspects of sarcopenia

6:00PM-7:30PM

Reception and poster walk through session

7:30PM-8:30PM

Dinner

9:00 pm-Midnight

Reception

**Day 2: Saturday, September 23, 2023**

7:15am-8:15am

Buffet Breakfast

8:00am-8:15am

Dr Barohn and Prof Hanna Opening

**Session V: Biomarkers (new)**

8:15am-8:35am

**Lisa Hobson Webb, MD**- Shear wave electrography/ultrafast ultrasound use for neuromuscular disorders

8:40am-9:00am

**Prof Anna Punga** - microRNAs as biomarkers in myasthenia gravis

9:05am-9:25am

**Robert Bowser, PhD** – Neurofilament as a biomarker for everything

**9:30am-9:50am** Eric Wang, PhD - Alternative splicing DM1

**9:55am-10:15am** Glenn Walter, PhD – MRI as a biomarker in MD

**10:15am-10:30am** Refreshments/Exhibitor Break

***Session VI Platform Presentations - top scored abstracts***

**10:30am-10:45am** TBD

**10:50am-11:10am** TBD

**11:15am-11:30am** TBD

**11:35am-11:45am** TBD

**12:00pm-1:00pm** Lunch

**Session VI: Exercise and treatments/pain management**

**1:00pm-1:20pm** Elisa Duchesne, PHT, PhD - effect of exercise on functional outcomes and disease pathophysiology in DM1

**1:25pm-1:45pm** Jackie Montes, PT, EdD, NCS - updates/new insights regarding exercise in SMA in a post-treatment era

**1:50pm-2:10pm** Tanja Taivassalo, PhD - has multiple ongoing projects on exercise in DMD, impacts on functional outcomes and disease biomarkers

**2:15pm – 2:35pm** Gita Ramdharry, PhD -

**Session VII**

**2:40pm-3:00PM** Aziz Shaibani, MD, FACP, FAAN, FANA – Neuromuscular implications of placebo research

**3:00pm-3:30pm** Refreshments/Exhibitor Break

**3:30pm-3:50pm** UCB Platinum Sponsor update

**3:55pm-4:15pm** Sponsor Update

**4:20pm-4:40pm** Sponsor Update

**4:45pm-5:05pm** Sponsor Update

**5:10pm-5:30pm** Sponsor Update

**7:30pm – 8:30pm**      **Robert C. Griggs Annual MSG Keynote Speaker**

**Jerry R. Mendell, MD**

Curran-Peters Chair of Pediatric Research

Abigail Wexner Research Institute

Nationwide Children's Hospital

Professor of Pediatrics and Neurology

The Ohio State University

**8:30pm-9:30pm**

**Dinner**

**9:30pm-11:30pm**

**Evening Reception**

## **Day 3: Sunday, September 24, 2023**

**7:00am-8:00am**

**Breakfast**

**8:00am-8:10am**

**Dr Barohn and Prof Hanna opening**

**Session VII – NMSG Young investigators projects**

**8:10am-8:25am**

**Tyler Rehbein, MD - NMSG Fellow - Neuromuscular ultrasound as a biomarker to improve clinical trial readiness in Charcot Marie Tooth Neuropathies**

**8:30am-8:45am**

**2023 NMSG Fellow Dr Natalie Katz, MD - Development of novel imaging biomarkers for use in pediatric facioscapulohumeral muscular dystrophy**

**8:50am-9:10am**

**2022 Shark Tank Award update Alex Oldroyd, University of Manchester**

**9:10am-9:25am**

**2022 Shark Tank Award update Giorgia Coratti, PhD, Pediatric Neurology and Centro Clinico Nemo Rome**

**9:30am-10:45am**

**Shark Tank Session**

**Moderator:** Aziz Shaibani, MD, FACP, FAAN, FANA

**Shark Panel:** Mazen Dimachkie, MD, Amanda Guidon, MD and Laurie Gutmann, MD

**10:45am-11:00am**

**Refreshments/Exhibitor Break**

**Session VIII Emerging Phenotypes/New Chronic Disease**

**11:00am-11:20am**

**Kathy Mathews, MD – Peds FSHD**

**11:25am-11:40pm**

**TBD NEMO Milan/Rome - CNS and cognitive in SMA across the lifespan**

**11:45am-12:05pm**      **Amanda Guidon, MD, PhD - checkpoint inhibitors**

**12:10pm-12:30pm**      **James Lilleker, MBChB, Ph.D. - Adult SMA**

**12:30pm-1:30pm**      **Lunch**

**Closing**

DRAFT