24th Annual Neuromuscular Study Group Scientific Meeting

Thursday, September 21, 2023
We will have early check in Thursday evening or Friday morning

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

Session I: Peripheral nerve

8:20am-8:40am Dr. Aisling Carr – Inflammatory neuropathy

8:45am-9:05am David Hermann, MBBCh - Towards Clinical Trial Readiness for Charcot Marie Tooth Neuropathies

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

Session II – Flash Presentations - Moderator Katy Dodd

11:05am-11:15am Chosen accepted flash abstract

11:17am-11:27am Chosen accepted flash abstract

11:29am-11:39am Chosen accepted flash abstract

11:41am-11:51pm Chosen accepted flash abstract

11:53pm-12:03pm Chosen accepted flash abstract
12:05pm-12:15pm  Chosen accepted flash abstract

12:15am-1:30pm  Lunch

**Muscle Study Group Executive Committee Meeting Breakout**

Session III: Aging/cachexia/disuse – Moderator Dr. Heidi Fuller

1:30pm -1:50pm  **Thomas Wishart, PhD** - proteomic analysis of differentially vulnerable synaptic populations to identify regulators of stability

1:55pm-2:15pm  **Dr Matthew Birkbeck** - Changes in Motor Unit MRI with age/sarcopenia

2:20pm-2:40pm  **Roger Fielding, PhD** - Clinical aspects of sarcopenia

2:45pm-3:00pm  Refreshment/Exhibitor Break

3:00pm-5:00pm  Young Investigator Session/Evaluator Session Breakout; Coordinator Breakout

*ALL NEW*

Session Moderators – Dr W. David Arnold, Dr Karen Suetterlin, Dr Katherine Dodd, Dr Heidi Fuller

- How to give an effective elevator pitch
- Tips for successful Grant Writing
- Failing well, overcoming rejections, criticisms and changing direction

6:00pm-7:30pm  Reception and poster walk through session

7:30pm-8:30pm  Dinner

9:00pm-11:30pm  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) Moderator Donovan Lott, PT, PhD, CSCS**

8:15am-8:35am  Lisa Hobson Webb, MD - Shear wave electromyography/ultrafast ultrasound use for neuromuscular disorders
8:40am-9:00am Professor Anna Rostedt Punga, M.D; Ph.D., Uppsala University, Sweden -
Circulating 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

10:30am-10:45am Top scored accepted abstract presentation

10:50am-11:10am Top scored accepted abstract presentation

11:15am-11:30am Top scored accepted abstract presentation

11:35am-11:45am Top scored accepted abstract presentation

12:00pm-1:00pm Lunch

Session VI: Exercise and treatments/pain management – Moderator Miguel Chuquillin

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  Argenx Platinum Sponsor Update
4:20pm-4:40pm  Sarepta Sponsor Update
4:45pm-5:05pm  Fulcrum Therapeutics Update
5:10pm-5:30pm  Sponsor Update
7:30pm – 8:30pm  Robert C. Griggs Annual MSG Keynote Speaker

*The Circle of Translation*

Professor Mary M Reilly
UCL Queen Square Institute of Neurology

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  2022 NMSG Fellow Tyler Rehbein, MD - *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 fasioscapulohumeral muscular dystrophy*

8:50am-9:10am  2022 Shark Tank Award update Alex Oldroyd, University of Manchester

*Quantifying Idiopathic Inflammatory Myopathy-Associated Cancer Risk via Comprehensive Phenotyping of a Large UK-Wide Cohort*

9:10am-9:25am  2022 Shark Tank Award update Giorgia Coratti, PhD, Pediatric Neurology and Centro Clinico Nemo Rome

*Predictive models in spinal muscular atrophy treated patients using machine learning*
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  James Lilleker, MBChB, Ph.D. - Adult SMA

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  Kathy Mathews, MD – Peds FSHD

12:30pm-1:30pm  Lunch

Closing