24th 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

Session I: Peripheral nerve

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

Session II – Flash Presentations (6 people) from accepted scored abstracts

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
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<th>Time</th>
<th>Speaker</th>
<th>Topic</th>
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<tr>
<td>11:45am-12:05pm</td>
<td>Amanda Guidon, MD, PhD</td>
<td>checkpoint inhibitors</td>
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<td>12:10pm-12:30pm</td>
<td>James Lilleker, MBChB, Ph.D.</td>
<td>Adult SMA</td>
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<td>12:30pm-1:30pm</td>
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