12th UK Neuromuscular Translational Research Conference
Centre for Life, Newcastle
Thursday 4 and Friday 5 April 2019

PROGRAMME

Day 1 – Thursday 4 April

09:00 – 09:30  Registration and Coffee

09:30 – 09:45  Introduction
Prof Michael Hanna¹ and Prof Volker Straub²
¹Director, MRC Centre for Neuromuscular Diseases and Institute of Neurology, UCL.
²Director, John Walton Muscular Dystrophy Research Centre, Newcastle University and Newcastle Hospitals NHS Foundation Trust.

Session 1: International Collaborations for Genomic Research in NMD
Chairs: Prof Michael Hanna, Prof Sir Doug Turnbull³, and Prof Patrick Chinnery⁴
³Director, Wellcome Trust Centre for Mitochondrial Research, Newcastle University
⁴Head of Department of Clinical Neurosciences, University of Cambridge

09:45 – 10:00  Overview of vision for Centre – Prof Mike Hanna

10:00 – 10:15  Brazil – Prof Wilson Marques- University of São Paulo
10:15 – 10:30  South Africa – Prof Francois van der Westhuizen – North West University
10:30 – 10:45  Zambia – (tbc)
10:45 – 11:00  Turkey – Yavuz Oktay - Dokuz Eylül University and Prof Haluk Topaloglu – Hacettepe University
11:00 – 11:15  India  – Dr K Thangaraj - CCMB

11:15 – 11:45  Coffee

11:45 – 12:15  Platform 1 and Platform 2

12:15 – 12:30  Late breaking – 15 mins

12:30 – 13:15  Lunch

13:15 – 14:30  Poster guided sessions and coffee

Session 2:  Kate Bushby – an advocate for translational research in NMD
Chairs:  Prof Volker Straub, Newcastle University and Prof Mary Reilly, Co-Director MRC CNMD, UCL

14:30 – 14:50  Diagnostic Services for neuromuscular patients
Prof Sir Doug Turnbull, Newcastle University

14:50 – 15:10  From Gene Discovery to Therapy
Prof Francesco Muntoni, UCL GOSH ICH

15:10 – 15:30  The FOR-DMD adventure
Prof Berch Griggs, University of Rochester, NY

15:30 – 15:45  Vision-DMD, developing an alternative to steroids
Dr Michela Guglieri, Newcastle University

15:45 – 16:00  EURO-NMD, a reference network for neuromuscular diseases
Dr Teresinha Evangelista, Newcastle University

16:00 – 16:30  Coffee and posters

16:30 – 16:45  The DMD-Hub, increasing trial capacity in the UK
Emma Heslop, Newcastle University

16:45 – 17:00  Promoting rare disease policies across Europe
Victoria Hedley, Newcastle University

17:00 – 18:00  1 hour keynote speaker – 4th John Walton Lecture
What makes Genetics Human?
Prof Sir John Burn, Newcastle University

19:30  Drinks reception and Gala dinner
Centre for Life
After dinner speaker: Prof Katie Bushby
Day 2 – Friday 4 April

Session 3:
Chairs: Prof Dame Kay Davies⁴ and Francesco Muntoni⁵
⁴Dr Lee’s Professor of Anatomy Oxford Neuromuscular Centre
⁵Director, Dubowitz Neuromuscular Centre, ICL GOSH ICH

08:30 – 09:00 CRISPR genetics tbc
09:00 – 09:30 Approaches to DMD
Dr Kevin Flanigan, Nationwide Children’s Hospital
09:30 – 10:00 Ignite DMD
Dr Barry Byrne, University of Florida
10:00 – 11:15 Poster guided sessions and coffee
11:15 – 11:45 Platform 3 and 4
11:45 – 12:45 Poster flash sessions
Chaired by: (tbc)
12:45 – 13:45 Lunch

Session 4:
Chairs: Professor Bobby Mcfarland⁶ and Professor Rita Horvath⁷
⁶Wellcome Centre for Mitochondrial Research, Newcastle University
⁷Department of Clinical Neurosciences, University of Cambridge

13:45 – 14:15 Basic science aspects of pronuclear transfer to prevent mitochondrial DNA disease
Professor Mary Herbert, University of Newcastle
14:15 – 14:45 Clinical aspects of prevention of mitochondrial disease
Grainne Gorman, University of Newcastle
14:45 – 15:15 Coffee and posters
15:15 – 15:45 Platform 5 and 6
15:45 – 16:15 Platform 7 and 8
16:15 – 16:30 MDUK update tbc
16:30 – 16:45    MRC international / post-Brexit strategy tbc
16:45 – 17:00    Poster prizes and close