**EJPRD WORKSHOP: Contemporary outcome measures in NeuroMuscular Diseases**

**4th and 5th March 2022**

**DAY 1 – Friday, March 4th, 2022** - NOVOTEL NICE CENTRE VIEUX NICE (On site and by videoconference)

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| 11h00 – 12h00 (1h00) | Introduction of the workshop  
Richard CHEMLA – Jacques LEVRAUT- Eric MONCH - Sabrina SACCONI  
Introduction of participants and speakers  
Submission of teaching documents and brief diagnostic test |
| 12h00 – 13h15 | Lunch |
| 13h15 – 15h30 (2h15) | **Myopathies**  
Presentation of the different clinical outcome measures for myopathies  
Chair : Sabrina SACCONI, Fabiola Bertinotti  
- DISTAL MYOPATHIES – Lorenzo MAGGI - 20 min  
- DM1 – Federica MONTAGNESE- 20 min  
- DUCHENNE – Jean-Yves HOGREL - 20 min  
- POMPE – Antonio TOSCANO - 20 min  
- FSHD – Jeffrey STATLAND - 20 min  
- Quiz for training including practical situations - 10 min  
- Interactive panel discussion on the advantages and limitations of the measures – 25 min  
Chair: Pascal LAFORET |
| 15h30 – 15H45 | Break |
| 15H45 – 18H00 (2h15) | **Neuropathies + Spinal Muscular Atrophy (SMA)**  
Presentation of the different clinical outcome measures for neuropathies + SMA  
Chair : Davide PAREYSON, Jean Philippe PLANCON  
- CMT – Davide PAREYSON - 20 min  
- Familial amyloidosis – Alex VICINO – 20 min  
- CIDP and Inflammatory neuropathy – Peter VAN DEN BERGH - 20 min  
- SMA – Charlotte LILIEN + Valeria Sansone - 40 min  
- Quiz for training including practical situations - 10 min  
- Interactive panel discussion on the advantages and limitations of current measures - 25 min  
Chair: Laurent MAGY |
| 18H00 -18H15 | **Final remarks of the day 1** |
| 20h00 | Dinner |

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### Myasthenia gravis (MG)

**Presentation of the different clinical outcome measures for Myasthenia Gravis**

Chair: Anthony Behin, Sabrina Sacconi  
- Nils Erik GILHUS – 20 min  
- Anthony BEHIN – 20 min  
- Quiz for training including practical situations - 10 min  
- Interactive panel discussion on the advantages and limitations of current measures - 25 min  
  Chair: Sabrina SACCONI

### Biological Biomarkers

**Presentation of the different biological biomarkers in neuromuscular diseases**

Chair: John VISSING, Giulia RICCI  
- MYOPATHIES : John VISSING – 20 min  
- NEUROPATHIES : Angelo SCHENONE – 20 min  
- SMA : Giulia RICCI – 20 min  
- Myasthenia Gravis : Jan LUNEMANN – 20 min  
- Quiz for training - 10 min  
- Interactive panel discussion on the advantages and limitations of current measures - 25 min  
  Chair: Angelo SCHENONE

### Imaging Biomarkers

**Presentation of the different imaging biomarkers in neuromuscular diseases**

Chair: Giorgio TASCA, Shahram ATTARIAN  
**Magnetic resonance imaging (MRI):**  
- MYOPATHIES – Jordi DIAZ MANERA – 20 min  
- NEUROPATHIES – Shahram ATTARIAN – 20 min  
- Quiz for training – 10 min  
- Interactive panel discussion on the advantages and limitations of current measures – 25 min  
  Chair: Lorenzo MAGGI

### Digital Biomarkers

**Presentation of the different digital biomarkers in neuromuscular diseases**

Chair: Gabriele SICILIANO, Carole VUILLEROT  
- MFM from classical to digital version – Carole VUILLEROT - 20 min
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- Tina DUONG *Challenges that the digital outcome measure creation and implementation meet, to make recommendations on the path to implementing digital outcome measures and for future researches* – 20 min
- Laurent SERVAIS - *Continuous measurement of movements in neuromuscular disease by wearable magneto-inertial technology: regulatory and scientific update* – 20 min
- Sabrina SACCONI – *Innovative outcome measures and myasthenia gravis* – 20 min
- **Quiz for training** - **10 min**
- **Interactive panel discussion on** - **25 min**
  Chair: Tina DUONG