



**E-Health & Innovation**  
to overcome barriers in Neuromuscular Diseases



**20-21 MARCH 2020**

**ARSENALI MEDICEI**

**PISA-ITALY**

*The Congress is purposed to address, in the frame of a patient-focused assistive technology, various relevant issues related to digital health in Neuromuscular Diseases, from diagnosis to treatment, patient monitoring and his real life world.*

#### **Organising Scientific Committee**

Gabriele Siciliano (IT)  
Sabrina Sacconi (FR)  
John Vissing (DK)

#### **Advisory Scientific Committee**

Corrado Angelini (IT)  
Teresinha Evangelista (FR)  
Hans Lochmuller (CA)  
Jordie Manera (ES)  
Benedikt Schoser (DE)  
Sandrine Segovia-Kuney (FR)  
Domenica Taruscio (IT)  
Antonio Toscano (IT)

**Under the auspices of:**

**AIM, ERN, EAN, RD-Connect, NMDs Patient Associations, Charity and Institutional Research Bodies**

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<http://www.marcomm.it/eNMD2020/>

Addressed to:

Neurologists, Psychiatrists, Neuroradiologists, Physiotherapists, BioEngineers, Cybernetics Engineers, Bioinformatics, Bio and Pharmaceutical Technology Researchers

## PRELIMINARY PROGRAM

### Friday 20th March

13.30- Registration

14.00 – 15.30 **Satellite Symposium:** Molecular biotechnology for drug development and innovative therapeutic strategies in Neuromuscular Diseases

15.30-15.50 **Greetings and introduction:** G. Siciliano (I), Teresinha E (Fr), M. Marra (I)-  
Where tradition meets innovation in NMD

15.50 **Lecture 1-** Artificial intelligence for NMD: facts and perspectives

16.15- **Coffee break**

16.35 **Lecture 2-** Telemedicine and mobile health: new tools in caring of patients with neuromuscular disorders

17,00 -18.30- **Session 1-** Artificial Intelligence for NMD: Ethical issues and the voice of patients, EU-exchange strategies, new drug economic sustainability

19.00- **Welcome reception**

### Saturday 21th March

8.00-9.00- Starts up and Innovation- A guided tour

Core program : A journey along the patient real life

9.00-10.30- **Session 2- Diagnosis:** Big data for Biological Systems, Digital biomarkers, Nerve-Muscle Imaging, Tissue Pathology

10.30- **coffee break**

11.00-13.00- **Session 3- Therapies:** Digital outcome measures, E-Registries, Treatment Effectiveness Monitoring

13.00- **Lunch**

14-15.00- **Pitch session 1-** Domotic systems for enhancing autonomy and QoL in NMD

15.00-16.30- **Session 4- Rehabilitation:** Biosensors and Connecting devices, Robotics

16.30- **coffee break**

16.45-17.45- **Pitch session 2-** What's new on e-Health in NMD: visionary or reality?

17.45- **Conclusive remarks**