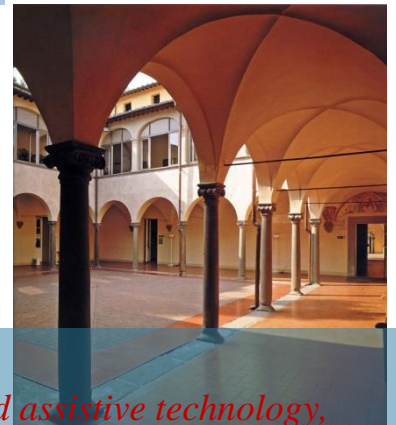




**E-Health & Innovation**  
to overcome barriers in Neuromuscular Diseases

**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.*

### Scientific Committee

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

### Local organizing Committee

Giulia Ricci  
Erika Schirinzi  
Costanza Simoncini  
Michelangelo Mancuso

### Advisory Scientific Committee

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

Under the auspices of:

AIM, ASNP, ERN Euro-NMD, EAN, RD-Connect, Eurordis, EJPRD, Telethon-I, AFM-Telethon  
NMDs Patient Charities and Associations, UniPI, Ministry of Health

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Addressed to:

Neurologists, Psychiatrists and Physiotherapists. Myopathologists, Neuroradiologists, BioEngineers, Molecular Biologists, 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-** Domestic 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