



**amU** NeuroSchool  
Aix Marseille Université

**CLINICAL DAY 2024**

**ALS & OTHER**

**MOTOR NEURON DISEASES**

**SPEAKERS**



**Peter Bede**

Trinity College  
Dublin, Ireland



**Séverine Boillée**

Institut du Cerveau  
Paris, France

**Aude-Marie Grapperon**  
**Wafaa Zaaraoui**  
**Shailesh Appukuttan**  
**Virginie Callot**  
**Nathalie Bernard-Marissal**  
**Zeinab Hamze**  
**Baptiste Libé-Philippot**  
**Georg Haase**

Researchers, clinicians, residents and PhD students  
are invited to participate

**Registration &  
Call For Abstracts**



**9:00 - 17:00**  
**December 13, 2024**



**Timone Hospital**  
**HA3 Amphitheater**

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hm**

**amU** NeuroMarseille institute  
NeuroSchool  
Aix Marseille Université



**– 2024 Clinical Day –**  
**ALS and other motor neuron diseases**

**December 13, 2024**  
**Timone hospital, HA3 amphitheater**

8:30 Welcome coffee

9:00 Welcome address

9:15 **Aude-Marie GRAPPERON** (Service de Neurologie - Maladies neuromusculaires et SLA, AP-HM)  
**Overview of ALS and motor neuron diseases**

10:15 **Wafaa ZAARAOUI** (CRMBM)  
**Brain MRI in ALS: Unveiling metabolic and structural vulnerability beyond conventional imaging**

10:30 **Shailesh APPUKUTTAN** (INT/CRMBM)  
**Multimodal MRI analysis with machine learning for ALS biomarker discovery**

10:45 **Virginie CALLOT** (CRMBM)  
**Quantitative and Ultra-High Field spinal cord MRI in ALS**

11:00 **1<sup>st</sup> Keynote speaker: Peter BEDE** (Trinity College Dublin, Ireland)  
**Neuroimaging in ALS: academic and clinical applications**

11:45 Questions (by Zoom)

---- 12:15 – 14:00 Lunch break ----

14:00 **Nathalie BERNARD-MARRISSAL** (MMG)  
**Boosting MFN2 levels in motor neurons using adeno-associated virus (AAV) vectors: a therapy for Charcot-Marie-Tooth disease type 2A**

14:30 **Zeinab HAMZE** (MMG)  
**Testing pharmaceutical compounds to treat CMT2A using human iPSC-derived motor neurons**

14:45 **2<sup>nd</sup> Keynote speaker: Séverine BOILLÉE** (ICM, Paris)  
**Involvement of immune cells in amyotrophic lateral sclerosis**

15:30 Questions

15:45 **Baptiste LIBE-PHILIPPOT** (IBDM)  
**Linking human duplicated genes and neurological disorders**

16:15 **Georg HAASE** (Inserm)  
**Better diagnosing and understanding unstable repeat expansions in C9orf72-linked ALS/FTD**

16:45 Closing address

---- 17:00 Closing time ----