

INNOVATIVE MODELS AND THERAPIES  
FOR AMYOTROPHIC LATERAL SCLEROSIS

July 19, 2022 | GMT time



14:00 ● Welcome: [Dora Brites](#)

14:10-14:30 ● Session 1 Chairs: [Ana Rita Vaz](#), [Elisabete Ferreiro](#)

**Xavier Navarro, ES**

Gene therapy approaches for improving motor neuron degenerative diseases.



[Website](#)

14:30-14:50 ●

**Matteo Bordoni, IT**

Pathological hallmarks in motor neuron organoids derived from sALS patients



[Website](#)

14:50-15:10 ●

**Akshay Bhinge, UK**

Disruption of homeostatic networks in ALS motor neurons

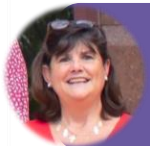


[Website](#)

15:10-15:30 ●

**Ana Martínez, ES**

Human-based cell models for TDP-43 pathology study and ALS drug discovery



[Website](#)

15:30-15:45 Student Flash Talks

**Francesca Di Chirico, IT**

[Lab info](#)

**Victor Álvaro Sanchez, ES**

[Lab info](#)

Session 2 Chairs: [Barbara Monti](#), [Sergio Gáscon](#)

15:55-16:10pm ●

**Ana Teresa Matos, PT**

[Lab info](#)

**Sara Pinto, PT**

[Lab info](#)

16:10-16:30 ●

**Paulo Oliveira, PT**

Profiling of ALS lymphoblasts identifies unique metabolic and mitochondrial disease fingerprints



[Website](#)

16:30-16:50 ●

**Stephanie Duguez, UK**

Extracellular vesicle toxicity in ALS



[Website](#)

16:50-17:10 ●

**Dora Brites, PT**

Targeting miRNAs in spinal and bulbar ALS



[Website](#)

17:10-17:30 ●

**Irina Conboy, USA**

Novel biologic for treating ALS with implication for broad neuroprotection



[Website](#)

Closing: [Dora Brites](#), [Ana Rita Vaz](#) & [Ana Teresa Matos](#)

17:30 ●