



FCIEN - PurinesDX Symposium

CLINICAL TECHNIQUES AND CHALLENGES IN PATIENT TREATMENT

Dates: October 24-25, 2019

Venue: Queen Sofia Foundation Alzheimer Center,
Madrid, Spain

Organizer: Miguel Medina (mmedina@ciberned.es)

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SCIENTIFIC PROGRAM

Thursday 24

- 09:45 Welcome and Introduction (M. Medina)
- 10:00-10:45 **Dr. Justo García de Yébenes, CIBERNED**
Clinical challenges in neurological disorders
- 10:45-11:30 **Dr. Miguel Calero, CIBERNED, Carlos III Institute of Health**
Epidemiological, clinical and molecular basis of neurodegenerative diseases: Towards an integrated model of neurodegeneration
- 11:30-12:00 Coffee break
- 12:00-12:45 **Dr. Pascual Sánchez-Juan, CIBERNED, Marqués de Valdecilla Hospital, Santander**
Impact of biomarkers in the clinical practice
- 12:45-13:30 **Dr. Fernando Maestú, Center for Biomedical Technology-UPM, Madrid**
Functional networks impairment in the early stages of AD: The role of Magnetoencephalography
- 15:00-17:30 **Dr. Alberto Rábano, CIEN Foundation Tissue Bank, CIBERNED**
Practical workshop on neuropathology*



Friday 25

10:00-10:45 **Dr. Javier DeFelipe**, CIBERNED, Cajal Institute CSIC, CTB, Madrid

New technologies to explore the microanatomy of the human brain

10:45-11:30 **Dr. José A. Obeso**, CIBERNED, HM CINAC, Madrid

The expanding universe of Focus Ultrasound to treat Neurodegenerative Disorders

11:30-12:00 Coffee break

12:00-12:45 **Dr. Antonio Oliviero**, Paraplegics National Hospital, Toledo

Non invasive brain stimulation: from diagnostic to therapeutics in neurological disorders

12:45-13:30 **Dr. Juan Antonio Barcia**, San Carlos Clinical Hospital, Madrid

Brain stimulation: can we do anything more that just mimicking lesions?

15:00-17:30 **Dr. Bryan Strange, Dr. Linda Zhang and Eva Alfayate**, CIEN Foundation, CTB-UPM, Madrid

Practical workshop on Magnetic Resonance Imaging*

*Practical workshops limited to the PurinesDX ESRs.