



Organizers:
Paulo J Oliveira
(Coimbra, Portugal)
Catarina R Oliveira
(Coimbra, Portugal)



Coimbra, Portugal, 22-24 May 2019



Symposium 8 | Neurobiology of Aging

Organizers: Catarina Oliveira (Coimbra, Portugal)
Paula Moreira (Coimbra, Portugal)
João Malva (Coimbra, Portugal)
George Perry (San Antonio, TX, USA)

Day: Thursday 23 afternoon and Friday 24 morning
Meeting room: Meeting Room Coimbra, Hotel Dona Inés (Congress venue 2)

Thursday, 23 May

14.00-16.00 **Session 1: Molecular Mechanisms of Aging and Age-related Diseases**

Chairs: Catarina Oliveira (Coimbra, Portugal)
João Malva (Coimbra, Portugal)

TBA
(20min + 5min)

Regulated cell death: does it matter how cells dies?
Cecília Rodrigues (Lisboa, Portugal) (20min + 5min)

Imbalance of adenosine neuromodulation is responsible for the dysfunction of synaptic plasticity and memory on ageing
Rodrigo Cunha (Coimbra, PT)

Speakers selected from submitted abstracts
3 short talks (10min + 5min)

16:00-16:30 Coffee-break

16.30-18.00 **Session 2: Physiopathology of aging**

Chairs: George Perry (San Antonio, Texas, USA)
Paula Moreira (Coimbra, Portugal)

TBA
(20min + 5min)

The cellular stress response in the innate immune system
Cláudia Pereira (Coimbra, Portugal) (20min + 5min)

Speaker selected from submitted abstracts
3 short communications (10min + 3min)

18.00-19.30 Poster session 2
20.30 Congress dinner



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Friday, 24 May

08.30-10.00 **Session 3: Alzheimer's disease: beyond amyloid β**

Chairs: George Perry (San Antonio, Texas, USA)
Catarina Oliveira (Coimbra, Portugal)

Role of tau in neuronal functions

Jesús Avila (Madrid, Spain)

Age-based models to study Alzheimer's disease

Luísa Lopes (Lisboa, Portugal) (20min + 5min)

Speakers selected from submitted abstracts
3 short communications (10min+ 3min)

10:00-10:30 Coffee-break

10.30-12.30 **Session 4: Prevention and Intervention Strategies in Aging and Alzheimer's disease**

Chairs: João Malva (Coimbra, Portugal)
Paula Moreira (Coimbra, Portugal)

In search of a cure for Alzheimer's disease

George Perry (San Antonio, Texas, USA) (20min + 5min)

Tau therapeutics in stress-driven brain pathology: a link between depression and Alzheimer's disease

Ioannis Sotiropoulos (Braga, Portugal) (20min + 5min)

Preconditioning: a strategy to fight Alzheimer's disease?

Paula I. Moreira (Coimbra, Portugal) (20min + 5min)

Speakers selected from submitted abstracts
3 short communications (10 + 5min)

12.30-14.00 Poster session 3 and lunch

14.00-16.30 Multi-focus plenary session, ESCI Prizes and Closing Ceremony