

❖ 3ª Reunião da Sociedade Portuguesa de Neurociências
16-17 de Dezembro, 1996

Local: Espinho

Comissão Organizadora:

- A. Coimbra
- J. M. Castro-Lopes
- D. Lima

Programa:

Monday, 16

09:00 - Opening session

09:40 - Plenary lecture

Representation of noxious stimuli and pain in thalamocortical circuits: electrophysiological and functional imaging studies

A. V. Apkarian

10:30 - Coffee break

11:00 - Symposium

Adrenergic neurotransmission

Organizer: S. Guimarães

- *Adrenoceptor-mediated effects*
Nunes, J. P. L.
- *Inactivation of noradrenaline*
Azevedo, I.
- *Control of transmitter release at the sympathetic nerve endings*
Moura, D.

12:30 - Lunch

13:30 - Poster Session

- 15:00 - Plenary lecture
Long-term potentiation in the hippocampus: two unresolved problems
T. Bliss
- 15:50 - Coffee break
- 16:20 - Symposium
Neurobiology of adenosine
Organizer: A. Ribeiro
- *Changes of central nervous system adenosine receptors upon ageing*
Cunha, R. A.
 - *Adenosine and neuronal plasticity*
Mendonça, A.
 - *Role of adenosine A₂ receptors in the central nervous system*
Sebastião, A. M.
- 18:00 - Annual General Meeting of the SPN
- 20:30 - Dinner

Tuesday, 17

- 09:00 - Plenary lecture
Monitoring gene transcription in neuronal plasticity: the spinal cord and pain
T. R. Tölle
- 09:50 - Coffee break
- 10:20 - Symposium
Neurosecretion
Organizer: A. Pato-de-Carvalho

- *Dynamic control of catecholamine and insulin secretion by cytosolic Ca^{2+} : a microamperometric approach*
Rosário, L. M.
- *Effect of oxidative stress on neurosecretion*
Rego, A. C.
- *Modulation of neurotransmitter release by presynaptic kainite receptors in the rat hippocampus*
Malva, J. O.

11:50 - Poster Session

13:00 - Lunch

14:00 - Symposium

Recent advances in the biopathology of sleep and language

Organizer: A. Castro-Caldas

- *Progress in the neuropsychology of sleep*
Paiva, T.
- *Language organization during language acquisition*
Martins, I. P.
- *Language organization as a result of external stimulation*
Castro-Caldas, A.

15:30 - Coffee break

16:00 - Symposium

Influence of sex and aging in the circuitries controlling the hypothalamic activation of the corticotrophic axis

Organizer: M. Paula-Barbosa

- *Circadian information to the adrenal; hormonal and neuronal mechanisms*
Buijs, R. M.

- *The hippocampal formation and corticotrophic axis*
Andrade, J. P.

- *The role of ventromedial and medial preoptic nuclei in the PVN neurons*
Madeira, M. D.