

**VI WORKSHOP ON APOPTOSIS IN BIOLOGY AND MEDICINE:
ROLE OF PROINFLAMMATORY AND CHEMOTACTIC CYTOKINES IN
NORMAL AND PATHOLOGICAL BRAIN**

Hotel Porto Pirgos, Parghelia (VV), Calabria, Italy

25-29 May, 2002

Under the auspices of the University of Calabria, University of Catanzaro Magna Graecia,
the International Society of Neurochemistry and the Italian Society of Pharmacology.

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TENTATIVE PROGRAMME

Saturday 25 May

18.00 Welcome address

18.15 Opening Lecture

Oliver J. Dolly (UK)

Rescue of exocytosis inhibited by botulinum toxins and functional SNARE domains

19.00 Welcome cocktail

Sunday 26 May

9.00-11.00 Neuroimmune Regulation in Normal Brain

Chairpersons: N. Nalivaeva (UK) & E. Garaci (Italy)

- 9.00-9.30

R. Dantzer (France) Nervous cells do not need to undergo apoptosis to release proinflammatory cytokines

- 9.30-10.00

S. Poole (UK) Inhibition of proinflammatory cytokines by endogenous and exogenous ligands

- 10.00-10.30

A Garcia (Spain) Regulation of NO-dependent cGMP formation in neuroinflammation

- 10.30-11.00

G. Schettini (Italy) Characterization of chemokines and their receptors in the CNS: physiopathological implications

11.00-11.30 Coffee break

11.30-13.30 Immune and Nervous Systems: A Dangerous Liaison

Chairpersons: F. Miller (Canada) & A.J. Turner (UK)

- 11.30-12.00

M. MacFarlane (UK) Trail-induced apoptosis

- 12.00-12.30

V.H. Perry (UK) Evidence for compartmentalised apoptosis of neurons in chronic neurodegeneration

- 12.30-13.00

M. Memo (Italy) Induction of DNA damage as primary trigger of neuronal apoptosis

- 13.00-13.30

A. Aguzzi (Switzerland) Pathogenesis of prion diseases

17.00-20.00 Poster Viewing and Discussion

Monday 27 May

9.00-11.00 Modulators of Tissue Function and Survival in Brain and Immune cells

Chairpersons: M. Mac Farlane (UK) & A. Finazzi-Agrò (Italy)

- 9.00-9.30

F. Miller (Canada) The p53 family and neuronal apoptosis

- 9.30-10.00

G. Melino (Italy) p73: between cancer and neuronal development

- 10.00-10.30

B. Bruene (Germany) NO regulation of macrophage cell death

- 10.30-11.00

C. Riccardi (Italy) Glucocorticoid-mediated signalling events and regulation of cell growth and survival

11.00-11.30 Coffee Break

11.30-13.30 Mechanisms of Neuronal Apoptosis and Brain Injury

Chairpersons: A. Garcia (Spain) & G. Gasic (USA)

- 11.30-12.00

P. Nicotera (UK) Switches between apoptosis and necrosis

- 12.00-12.30

F. Moroni: Poly(ADP)ribose polymerase and neuronal damage

- 12.30-13.00

S.A. Lipton (USA) Modulation of neuronal apoptosis in brain ischaemia

- 13.00-13.30

G. Gasic (USA) Assessing the contributions of neuronal dysfunction and cell death to neuropsychiatric diseases

17.00-20.00 Poster Viewing and Discussion

Tuesday 28 May

9.00-11.00 Modulators of Cell Signalling in Apoptosis and Injury

Chairpersons: L. Calabrese (Italy) & P. Nicotera (UK)

- 9.00-9.30

G. Rotilio (Italy) Redox regulation of apoptosis signalling

- 9.30-10.00

V. Ullrich (Germany) Superoxide as an inhibitor of calcineurin and mediator of redox regulation

- 10.00-10.30

A. Wendel (Germany) Redox control of CD95 and TNF-mediated liver injury

- 10.30-11.00

L. Annunziato, S. Amoroso & G. Di Renzo (Italy) In neuronal cells Ca^{2+} - independent caspase 3 but not Ca^{2+} -Dependent caspase 2 activation is responsible for oxidative stress-induced apoptosis

11.00-11.30 Coffee Break

11.30-13.30 Cellular and Molecular Targets for Neuroimmune Regulation

Chairpersons: R.A. Night (UK) and P. Preziosi (Italy)

- 11.30-12.00

X. Lu (UK) ASPP in DNA damage and neurobiology

- 12.00-12.30

J. B. Schultze (Germany) Antiapoptotic gene therapy in models of Parkinson's disease

- 12.30-13.00

G. Bagetta and M.T. Corasaniti (Italy) Pathophysiology of experimental neuroAIDS

- 13.00-13.30

C. Nucci & S. Piccirilli (Italy) NO involvement in neuronal apoptosis in the eye occlusion model

17.00-20.00 Poster Viewing and Discussion

May 29

Closing Remarks and Departure