



## 3<sup>RD</sup> ESNI COURSE

Tampere, September 11-14, 2002

UNIVERSITY HOSPITAL

MEDICAL SCHOOL

PROCEEDINGS

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**Wraith, David C. (Bristol, United Kingdom)**

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**1<sup>st</sup> Day**

***Regulatory immune-responses  
in the nervous system***

**2<sup>nd</sup> Day**

***Humoral factors in neurological  
diseases***

**3<sup>rd</sup> Day**

***Neuroinflammation***

**4<sup>th</sup> Day**

***Neuroimmunopharmacology***

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Gianvito Martino (Italy)

Angela Vincent (United Kingdom)

# **1<sup>st</sup> Day**

## **Regulatory immune-responses in the nervous system**

**An overview on regulatory T cells**  
(D. Wraith)

**The dual role of NKT cells in autoimmunity**  
(L. Van Kaer)

**Evasion of clearance by CD8+ cells in autoimmunity**  
(M. Brahic)

**The genetics of complex traits**  
(D.A.S. Compston)

**The role of T cells in the nervous system. A general overview**  
(H. Wekerle)

**Antigen specific CD8+ T cells in EAE/MS**  
(R. Liblau)

**Regulation of the immune response by  
resident cells of the central nervous system**  
(J. Antel)

**The role of CD8+ cells in myositis**  
(R. Gold)



## **2<sup>nd</sup> Day**

# **Humoral factors in neurological diseases**

**Activation to cell death: humoral factors  
in the immunopathogenesis of neurological disease**  
(C. Linington)

**Chemokines and microglia in the developing CNS**  
(D. Male)

**Animal models for inherited neuropathies:  
an unexpected link to neuroimmunology**  
(R. Martini)

**Connections between the brain and the  
immune system - How real are they?**  
(R.O. Weller)

**The current state of peripheral neuropathies  
with anti-glycolipid antibodies**  
(H. Willison)

**Paraneoplastic antibodies – what determines the target antigens?**  
(J. Honnorat)

**Antibodies and cytokines in epilepsy**  
(J. Peltola)

**Antibodies in peripheral and CNS disorders**  
(A. Vincent)

# **3<sup>rd</sup> Day**

## **Neuroinflammation**

**General overview on mechanisms of immune mediated CNS damage**  
(H. Perry)

**CNS tissue damage mediated by Class I restricted T-cells**  
(H. Neumann)

**The role of microglia in immune mediated tissue damage**  
(I. Alafuzoff)

**Cytokine mediated brain damage**  
(L. Probert)

**Pathogenesis of paraneoplastic encephalitis**  
(R. Voltz)

**Pathogenesis of HIV-dementia**  
(M. Tardieu)

**Patterns and mechanisms of tissue damage in multiple sclerosis**  
(H. Lassmann)

**Rationale for early intervention in multiple sclerosis**  
(G. Comi)

## 4<sup>th</sup> Day

# Neuroimmunopharmacology

Intravenous immunoglobulin: how might it work  
(N. Scolding)

Chemokine/chemokine receptors as drug targets in neuroinflammation  
(A. Ericsson-Dahlstrand)

Matrix metalloproteases-new therapeutic target  
(A. Miller)

Antiexcitotoxic treatment in neuroinflammation  
(T. Smith)

The immunoregulatory effects and therapeutic use of corticosteroids in immuno mediated diseases  
(I. Elovaara)

Strategies for strong immunosuppression in CNS and PNS inflammatory diseases  
(R.Q. Hintzen)

Emerging gene- and stem-cell therapy approaches for demyelinating disorders  
(G. Martino)

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