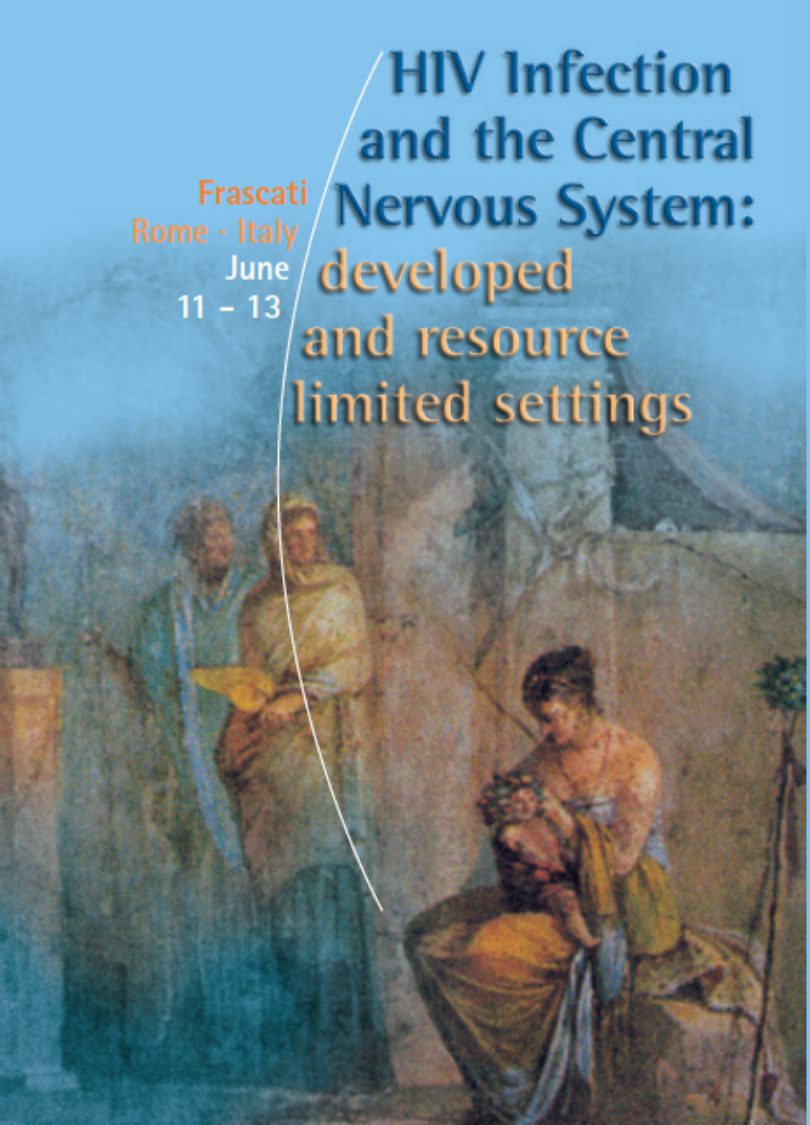


Frascati  
Rome · Italy  
June  
11 - 13

# HIV Infection and the Central Nervous System: developed and resource limited settings



# Sunday, June 12

## Plenary session II (8:30-9:30 a.m.)

Chairmen:

*K. Khalili (Philadelphia, USA)*

*R.D. Ellis (San Diego, USA)*

### 8.30 Diagnostics and Biotechnologies for HIV Management in Resource-Poor Settings

*C.F. Perno (Rome, Italy)*

### 9.00 Central Nervous System Opportunistic Infections in Developed Countries in the HAART Era

*J.M. Mirò (Barcelona, Spain)*

## INVITED PRESENTATIONS I – PART I (5:20-7:00 p.m.)

Emerging clinical problems in the HAART era

Chairmen:

*R.W. Price (San Francisco, USA)*

*V. Tozzi (Rome, Italy)*

### 9.30 New Features of Progressive Multifocal Leukoencephalopathy in the Era of HAART

*I. Korálnik (Boston, USA)*

### 9.50 Central Nervous System Immune Reconstitution Disease

*F. Gray (Paris, France)*

## INVITED PRESENTATIONS I – PART II (10:30-11:50 a.m.)

Chairmen:

*R.W. Price (San Francisco, USA)*

*V. Tozzi (Rome, Italy)*

### 10.30 Cerebrovascular Disease in HAART Treated Individuals: Incidence and Risk Factors

*A. d'Arminio Monforte (Milan, Italy)*

### 10.50 Neurological Implications of Hepatitis C Virus Coinfection

*D. Clifford (St. Louis, USA)*

### 11.10 Changing Pattern of Primary Cerebral Lymphomas in the HAART Era

*A. Cingolani (Rome, Italy)*

### 11.30 Neurosyphilis as an Emerging Feature in HIV Setting

*C.M. Marra (Seattle, USA)*

## ORAL COMMUNICATIONS I

(12:00 a.m.-1:30 p.m.)

Chairmen:

*M. Gisslen (Goteborg, Sweden)*

*L. Vago (Milano, Italy)*

### 12.00 An Observational Study to Investigate the Impact of Long-Term HAART on HIV-Dementia

*V. Tozzi\*, P. Balestra, M.F. Salvatori,*

*C. Vlassi, A. Corpolongo, R. Bellagamba,*

*P. Piselli, A. Antinori, P. Narciso (Rome, Italy)*

- 12.15** Classification of Pediatric HIV Central Nervous System (CNS) Disease: Comparison of CNS and Systemic Disease Markers of Children Treated in the HAART Era  
*P. Wolters, S. Martin, M.A. Tamula, S. Zeichner, L. Civitello, R. Hazra\* (Bethesda, USA; Washington, USA)*
- 12.30** New Insights into HIV-Related Leukoencephalopathies during HAART: Data from an Italian Longitudinal Study  
*P. Ferrante\*, S. Delbue, M. Saresella, E. Colombo, F. Guerini, M. Valli, R. Mancuso, G. Spoladore, R. Maserati, E. Tavazzi, E. Marchioni (Milan, Italy; Pavia, Italy)*
- 12.45** Analysis of HIV-1 Pol Gene Sequences in Cerebrospinal Fluid and Plasma shows Increasing Virus Compartmentalization with Disease Stage and AIDS Dementia Complex  
*S. Sala\*, S. Spudich, M. Gisslen, L. Hagberg, S. Presi, A. Bestetti, S. Bossolasco, S. Sala, R.W. Price, P. Cinque (Milan, Italy; S. Francisco, USA; Goteborg, Sweden)*
- 1.00** Dynamics of Compartmentalized HIV-1 Populations in the Central Nervous System  
*P.R. Harrington\*, K. Ritola, K. Robertson, C.D. Hall, S.A. Fiscus, D.W. Haas, R. Swanstrom (Chapel Hill, USA; Nashville, USA)*
- 1.15** Laser Capture Microscopy and Immunostaining Point to Brain Microglia as Cells Harboring Hepatitis C Virus  
*J. Wilkinson, M. Radkowski, D. Adair, A. Horban, T. Laskus\* (Scottsdale, USA; Warsaw, Poland)*

#### **INVITED PRESENTATIONS II - PART I**

(3:00-4:40 p.m.)

#### **CNS Complications in Countries with Limited Access to HAART**

Chairmen:

*F. Castelli (Brescia, Italy)*

*C.A. Penalva (Sao Paulo, Brazil)*

- 3.00** Cryptococcal Meningitis in Africa  
*C. Kanyama (Lilongwe, Malawi)*
- 3.20** Neuro-Tuberculosis and HIV Infection: Developing Country Perspective  
*P. Satishchandra (Bangalore, India)*
- 3.40** The Effect of HIV Seropositivity on Pediatric Bacterial Meningitis in Blantyre, Malawi  
*L. Molineux (Blantyre, Malawi)*
- 4.00** The Effect of Plasmodium Falciparum and HIV Infection on the Central Nervous System of Children in Sub-Saharan Africa  
*C.R.J.C. Newton (Kilifi, Kenya)*
- 4.20** HIV Dementia in Africa  
*G. Birbeck (Zambia)*

## INVITED PRESENTATIONS II – PART II

(5:00-7:00 p.m.)

### CNS Complications in Countries with Limited Access to HAART

Chairmen:

*G. Angarano (Foggia, Italy)*

*A. Nath (Baltimore, USA)*

#### 5.00 Government Perspectives and Research Capacity Building for Low and Middle-Income Nations

*A. Primack (Bethesda, USA)*

*C.M. Marra (Seattle, USA)*

## ORAL COMMUNICATIONS II

(5:30-7:00)

#### 5.30 Neurocognitive Consequences of HIV in Southern India: A Preliminary Study of Clade C Virus

*T. Yepthomi, R. Paul\*, S. Vallabhaneni, N. Kumarasamy, D. Tate, S. Solomon, T. Flanigan. (Chennai, India; Providence, USA)*

#### 5.45 Developmental Outcomes of Prenatal HIV Exposure in Kenyan Children: Preliminary Findings

*A. Abubakar\*, S. Mithwani, K. Alcock, K. Espy, S. Mutimba, E. Sanders, C. Newton, P. Holding (Kilifi, Kenya; Tilburg, The Netherlands; Lancaster, UK; Carbondale, USA; New York, USA; London, UK, Oxford, UK)*

#### 6.00 Neurodevelopment of Children Infected and/or Affected by HIV/AIDS in Sub-Saharan Africa

*A. Van Rie\*, A. Mupuala, N. Nosse, I. Zephyrin (Chapel Hill, USA; Kinshasa, Democratic Republic of Congo)*

#### 6.15 An Unusual Cluster of Epilepsia Partialis Continua in a Pediatric AIDS Cohort

*D. Duiculescu\*, E. Major, H.V. Vinters, E. Ungureanu, M. Barcau, L. Ene, A. Zamfirescu, T. Ciprut, P. Ionescu, P. Calistru, C.L. Achim (Bucharest, Romania; Bethesda, USA; Los Angeles, USA; Pittsburgh, USA)*

#### 6.30 Cerebral Toxoplasmosis in HIV-Positive Patients in Brazil: Clinical Features and Predictors of Treatment Response in the HAART Era

*J.E. Vidal\*, A.V. Hernandez, A.C. Penalva, R.F. Dauar, S.P. Barbosa Jr., P.R. Marques da Silva, R. Focaccia (S. Paulo, Brazil; Rotterdam, The Netherlands)*

#### 6.45 High Risk for Tropical Spastic Paraparesis/HTLV-I-Associated Myelopathy (TSP/HAM) Development Among HTLV-I/ HIV-1 Co-Infected Subjects

*C.M. Ferreira\*, A.C. Penalva de Oliveira, J. Casseb, M.P. Posada-Vergara, P. Montanheiro, F. Bonasser, A.J.S. Duarte (S. Paulo, Brazil)  
C.M. Marra (Seattle, USA)*

# Monday, June 13

## Consensus Meeting (8:30 a.m. - 4:50 p.m.)

NIMH / NINDS Update on Diagnostic Definitions of HIV-Associated Dementia and Minor Cognitive Motor Disorder in the Era of HAART

Chairmen:

*Justin McArthur (Baltimore, USA)*

*Igor Grant (San Diego, USA)*

## INTRODUCTION AND OVERVIEW (8:30-8:40 a.m.)

*J. Joseph (Bethesda, USA)*

### 8.40 Towards an Updated Nosology for HIV-Associated Neurocognitive Disorders

*I. Grant\* (San Diego, USA), D. Byrd (New York, USA), D. Clifford (St. Louis, USA), J. McArthur (Baltimore, USA), V. Valcour (Honolulu, USA), V. Wojna (San Juan, Puerto Rico)*

### 9.10 Algorithm for Classifying HIV-Related Neurocognitive Disorders

*R. Heaton\* (San Diego, USA), A. Antinori (Rome, Italy), K. Goodkin (Miami, USA), K. Marder (New York, USA), C.M. Marra (Seattle, USA)*

### 9.40 Review of Syndromic Aspects of AIDS Dementia Complex and Minor Cognitive Motor Disorder

*B. Brew\* (Sydney, Australia), N. Sacktor (Baltimore, USA), G. Arendt (Dusseldorf, Germany), K. Robertson (Chapel Hill, USA)*

### 10.10 Clinical Application of Biomarkers in HIV-Related Brain Injury

*R.W. Price\* (San Francisco, USA), P. Cinque (Milano, Italy), M. Gisslen (Goteborg, Sweden) L. Pulliam (San Francisco, USA)*

## Neuroimaging Biomarkers in HIV Infection

*J. Becker (Pittsburgh, USA), Leon G. Epstein (Chicago, USA)*

## DISCUSSION I (11:00-12:30 a.m.)

## DISCUSSION II (2:00-4:30 p.m.)

## FINAL REMARKS (4:30-4:40 p.m.)

*M. Nunn (Bethesda, USA)*

## CLOSING REMARKS (4:40-4:50 p.m.)

*P. Cinque (Milan, Italy)*

*A. Antinori (Rome, Italy)*