

## EUROVIROLOGY 2004

AGREED BY SCIENTIFIC COMMITTEE 19.12.03

(All speakers being contacted at the same time. No speaker has yet agreed)

### PLENARY SESSIONS

#### 1. GLOBAL VIRAL THREATS

Matthias Niedrig and Jan ter Meulen

- |                                   |   |                    |
|-----------------------------------|---|--------------------|
| New virus infections from animals | - | Ab Osterhaus       |
| SARS update                       | - | Malik Peiris       |
| The transfusionist's response     | - | Jean-Pierre Allain |
| The future of HIV therapy         | - | Steven Deeks       |

#### 2. VIRAL EVOLUTION

- |  |   |                 |
|--|---|-----------------|
| Virus persistence and strategies for viral clearance | - | Esteban Domingo |
| Co-evolution of viruses and humanity                 | - | Peter Simmonds  |
| Immunological adaptation of viruses to their hosts   | - | Bruce Walker    |

#### 3. HOST DEFENCE AND VIRAL OFFENSE

- |  |   |                  |
|--|---|------------------|
| Genetic susceptibility in humans       | - | Adrian Hill      |
| Virus pathogenesis and immune response | - | Rolf Zinkernagel |
| Viral neuropathogenesis                | - | Diane Griffin    |
| Viral load in infection and disease    | - | Paul Griffiths   |

#### 4. GENETIC FRONTIERS IN VIROLOGY

- |  |   |                    |
|--|---|--------------------|
| ?  | - | Frederick Buschman |
| Protein and DNA chips (how, why and maybe) | - | Industrial         |
| Bioinformatics                             | - | ?                  |

## **5. VACCINES AND IMMUNOTHERAPY**

- Prime/boost strategies - Andrew McMichael
- Papillomavirus vaccines – prophylaxis and therapy - Lutz Gissmann
- Immunotherapy in vivo - Einselle
- Dendritic cell and other new vaccines - ?

## **6. STRUCTURE, RECEPTORS AND INTERNALISATION**

- Flu structure/function - John Skehel
- Herpesvirus - Gabriella Campadelli
- X-ray structure of enterovirus receptors complexes and/or morbillivirus receptors interactions - Jose M. Casanovas
- Virus internalisation - Arie Helenius

## **7. VIRUS AND CANCER**

- Herpesvirus oncogenicity: - Bernard Fleckenstein
- HPV testing for prevention of cervical Cancer - Chris Meijer
- Oncogenic retroviruses - Eric Wattel

## **8. VIRUS REPLICATION**

- Negative strand RNA virus replication - Daniel Kolakofsky
- DNA virus replication - Margarita Salas
- Viroid replication - Ricardo Flores

## **WORKSHOPS AND CHAIRPERSONS**

### **1. SARS AND OTHER POSITIVE STRAND RNA VIRUSES**

*Luis Enjuanes*  
Peter Rottier

### **2. RNA INTERFERENCE IN GENE EXPRESSION AND VIRAL THERAPY**

*David Baulcomb*  
Jozsef Burgyán

### **3. CROSSING THE SPECIES BARRIER**

*Ake Lundqvist*  
Noël Tordo

### **4. INNATE AND ADAPTED RESPONSE TO VIRUSES**

*Otto Haller*  
Giuseppe Pantaleo

### **5. VIRAL PATHOGENESIS**

*Sibylle Schneider-Schaulies*  
Diane Griffin

### **6. VIRAL VECTORS FOR GENE TRANSFER AND THERAPY**

*Luigi Naldini*  
Stefan Kochanek

### **7. QUANTIFICATION AND VIRUS TYPING IN CLINICAL VIROLOGY**

*William Carman*  
José Cabeda

### **8. CLINICAL ASPECTS OF RESPIRATORY VIRUSES**

*Martin Schutten*  
Annika Linde

## **9. ANTIVIRALS AND VACCINES**

*Britta Wahren*  
Paul Griffiths

## **10. NEW APPROACHES TO VIRUS DIAGNOSIS**

Industrial speaker (near patient testing)  
Jurjen Schirm

## **11. VIRUS STRUCTURE, ASSEMBLY AND EXIT**

*Franz X. Heinz*  
Jose L. Carrascosa

## **12. VIRUS RECEPTOR INTERACTION AND CELL SIGNALLING**

*Richard Randall*  
Jose A. Melero

## **13. NEGATIVE STRAND VIRUSES**

*Elke Muehlberger*  
Juan Ortin

## **14. DNA VIRUSES**

*Michael Nassal*  
Thomas Schultz

## **15. HEPATITIS VIRUSES**

*Darius Moradpour*  
Anders Widell

## **16. VIRAL GASTROENTERITIS**

*Marion Koopmans*  
David Brown

## **17. RETROVIRUSES**

*Mike Malin*  
Axel Rethwilm

## **18. THE IMMUNOCOMPROMISED PATIENT**

*Bert Niesters*  
Giuseppe Gerna

## Scientific Committee

William Carman	Glasgow, Scotland, UK
Rafael Fernandez-Muñoz	Madrid, Spain
Mariano Esteban	Madrid , Spain
Albertus DME Osterhaus ,	Rotterdam, The Netherlands
Maria Madalena Magalhaes	Lisbon, Portugal
Jennifer M Best	London, England, UK
Annika Linde	Stockholm, Sweden
Jurjen Schirm	Groningen, The Netherlands
Richard E. Randall	St Andrews, Scotland, UK
Peter Nettleton	Edinburgh, Scotland , UK
Matthias Niedrig	Berlin, Germany
Gabriella Campadelli	Bologna, Italy
Esteban Domingo	Madrid, Spain
Vincent Deubel	Lyon, France
Luis Enjuanes	Madrid, Spain
Ricardo Flores	Valencia, Spain
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Hans D Klenk	Marburg, Germany
Pilar Perez-Breña	Madrid, Spain
Axel Rethwilm	Würzburg, Germany
Gerard Van Doormum	Rotterdam, The Netherlands
Günther Siegl	St. Gallen, Switzerland
Martin Ryan	St. Andrews, Scotland , UK
Paul Griffiths	London, England, UK

## Scientific Societies participating in the organisation of Eurovirology 2004

Atelier de Virologie Fondamental (Société Française de Microbiologie)  
Dutch Clinical Virology Group  
Dutch Section Viorology (Dutch Society for Microbiology)  
Norwegian Society for Virology  
Sociedad Española de Virología  
Società Italiana di Virologia  
Sociedade Portuguesa de Virologia  
Society for General Microbiology of the UK (Virus Group)  
Swiss Society for Microbiology

European Society for Clinical Virology (ESCV)  
European Society for Veterinary Virology (ESVV)  
European Network for Imported Viral Diseases (ENIVD)  
European Influenza Surveillance Scheme (EISS)  
Gesellschaft für Virologie