



# GLYCOSTRUCTURES IN BIOSYSTEMS III

## SYNTHESIS AND STRUCTURE ELUCIDATION

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**May 12, 2000**

### NEW DEVELOPMENTS IN HIV RESEARCH

Friday, May 12, 2000  
Bernhard Nocht Institute for Tropical Medicine  
Bernhard Nocht Str. 74, 20359 Hamburg  
Main Lecture Hall, 2nd Floor

#### *MORNING SESSION*

- 10.00 *Opening*
- 10.15 **Ulf Dittmer**, Würzburg, Germany  
*The role of humoral and cellular immune responses in protection against retroviral infections*
- 10.45 **Fabrizio Manca**, Genoa, Italy  
*Conserved and variable epitopes on HIV proteins recognized by human CD4 lymphocytes*
- 11.15 Coffee break
- 11.45 **Emanuel Fenouillet**, Marseille, France  
*HIV env-mediated membrane fusion: new insights*
- 12.15 **Aine McKnight**, London, UK  
*Early events in the replication of HIV-2*
- 12.45 Lunch

#### *AFTERNOON SESSION*

- 14.00 **Jonas Blomberg**, Uppsala, Sweden  
*V3 loop variation and escape of HIV from neutralization*
- 14.30 **Michael Schreiber**, Hamburg, Germany  
*Enhanced HIV-1 infectivity and the role of V3 loop carbohydrates*
- 15.00 **Frances Gotch**, London, UK  
*Immune reconstitution in HAART treated HIV-1+ individuals*
- 15.30 Coffee break
- 16.00 **Kai Pohlmeier**, Hamburg, Germany  
*GMP production of DNA vaccines*
- 16.30 **Ian Jones**, Oxford, UK  
*Eukaryotic virus display: application to HIV vaccine development*
- 17.00 **Bernd Meyer**, Hamburg, Germany  
*Characterization of HIV related binding epitopes by NMR*
- 17.30 End of Session
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