

CONSIGLIO NAZIONALE DELLE RICERCHE

ACCADEMIA NAZIONALE DEI LINCEI

in collaborazione con

ISTITUTO SUPERIORE DI SANITÀ

UNIVERSITÀ DEGLI STUDI DI PERUGIA

ORIGIN OF HIV AND EMERGING PERSISTENT VIRUSES

Tavola rotonda nell'ambito della Conferenza annuale della Ricerca

28 - 29 SETTEMBRE 2001

PROGRAMMA - INVITO

Venerdì 28 settembre

- 9.45 Saluto del Presidente dell'Accademia Nazionale dei Lincei, Edoardo VESENTINI
- Saluto del Presidente dell'Istituto Superiore di Sanità, Enrico GARACI
- 10.00 Ferdinando DIANZANI: "Virus evolution"
 - 10.30 Intervallo

The origin of HIV

Presiede: Mario COLUZZI

- 10.45 Maria Luisa BOZZI: "Truth and Science: Bill Hamilton's legacy"
- Edward HOOPER: "The origin of HIV-1 Group M: the CHAT polio vaccine theory"
- Paul M. SHARP: "The origins and evolution of AIDS viruses"
- Mikkel H. SCHIERUP: "Recombination and phylogenetic analysis of HIV"
- Austin L. HUGHES: "Evolution of immune evasion by HIV-1 and related viruses"
 - 12.30 Discussione

Models of potential interspecies passage

(Retroviruses other than HIV and SV40)

Presiede: Michele LA PLACA

- 14.00 Jonathan STOYE: "Xenotransplantation and infection"
 - 14.40 Discussione
- 14.50 Mauro TOGNON: "Association of simian virus 40 (SV40) with human tumours"
 - 15.10 Intervallo

BSE/CJD

Presiede: Giorgio CAVALLO

- 15.30 Maurizio POCCHIARI: "Prions and disease"
- Robert G. WILL: "Variant CJD and BSE"
- Pier Luigi GAMBETTI: "Influence of genotype on the phenotype of prion-related diseases and Alzheimer"
 - 16.45 Discussione
 - 17.00 Conclusioni

Sabato 29 settembre

Newly recognised 'old' viruses: the case of HHV-8

Presiede: Ferdinando DIANZANI

- 9.30 Thomas F. SCHULZ: "Kaposi's sarcoma and HHV-8"
- Antoine GESSAIN: "Molecular epidemiology of HHV-8 and related simian rhadinoviruses"
- Giovanni REZZA: "HHV-8 in remote populations"
 - Discussione
- 11.30 Luigi CHIECO-BIANCHI: "'New' and old oncoviruses: lessons to learn"
- 12.00 Robin A. WEISS: "Human persistent infections: family heirlooms and new acquisitions"

Comunicato stampa, **conferenza stampa**

Most human infectious diseases originally crossed over from an animal source. In recent years, viruses and other diseases causing infections have appeared that are entirely novel or were previously unknown. The most remarkable is HIV, the cause of AIDS, which arose during the 20th Century and has now infected more than 58 million people. 'Mad cow disease' or BSE is also a new phenomenon which sadly has spread to humans. Other viruses including cancer causing infections have recently come to light - HHV-8, HTLV and SV40. It remains controversial which of these infections are ancient though newly discovered, and which were introduced to humans more recently by natural transfer or by man-made accidents. For instance, might both HIV and SV40 have been introduced via contamination of early batches of polio vaccine? What lessons can we learn that may help us to prevent future epidemics?

COMITATO SCIENTIFICO: Francesco Bistoni, Giorgio Cavallo, Mario Coluzzi, Ferdinando Dianzani, Michele La Placa, Floriano Papi, Giovanni Rezza

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COMITATO ORDINATORE DELLA CONVENZIONE LINCEI-CNR: Giorgio Bernardi, Lucio Bianco, Sergio Carrà, Romano Cipollini, Maria D'Alessio, Marcello Fontanesi, Annibale Mottana, Luigi Paganetto, Giorgio Salvini, Edoardo Vesentini

ROMA - PALAZZO CORSINI - VIA DELLA LUNGARA, 10