



UNIVERSITA' DI ROMA "LA SAPIENZA"
DIPARTIMENTO DI MEDICINA SPERIMENTALE
E PATOLOGIA - Sezione di Storia della Medicina



FONDAZIONE
LUIGI
EINAUDI
per studi di politica ed economia
1914-1918 - 1945 - 1948 - 1951 - 1952
osservatorio
sulla
bioetica

FONDAZIONE LUIGI EINAUDI
OSSERVATORIO SULLA BIOETICA

Genetics and Biotechnology in Medicine

Scientific, Historical, Ethical, Legal and Economic Issues

ROME, OCTOBER 25, 2002
9.00AM-1.00PM; 2.00PM-7.00PM
POLICLINICO UMBERTO I - AUDITORIUM I CLINICA MEDICA

MORNING SESSION

Chairpersons: **Luigi Frati** (Dean of the Medical Faculty), **Riccardo Viale**, **Gilberto Corbellini**

- 9.00 Welcome addresses
- 9.30 **Stefano Canali** (Roma), *Medical genetics in the Italian context: thalassemia research and screening before prenatal diagnosis*
- 10.00 **Arno Motulsky** (USA), *From pharmacogenetics and ecogenetics to pharmacogenomics*
- 10.30 **Diane Paul** (USA), *A history of postnatal screening*
- 11.00 **Robert Resta** (USA), *Historical aspects of genetic counselling: why was maternal age 35 chosen as the cut-off for offering amniocentesis?*
- 11.30 **Coffee break**
- 12.00 **Dorothy Wertz** (USA), *History, ethics, and politics of the human embryo in U.S. medicine and research*
- 12.30 **Discussion**

- 1.00 **Lunch at the History of Medicine Section**

AFTERNOON SESSION

Chairpersons: **Mario Stefanini**, **Cinzia Caporale**

- 2.30 **Robert Bud** (UK), *The revolutionary implications of the word "biotechnology"*
- 3.00 **Daniel Kevles** (USA), *Patenting human genes. The advent of ethics in the political economy of patent law*
- 3.30 **Timothy Caulfield** (Canada), *Commercialisation of human genetics: future policy challenges*
- 4.00 **Andrea Vicini** (Napoli), *Ethical debate on stem cell research and Roman catholic insights*
- 4.30 **Coffee break**
- 5.00 **Cinzia Caporale** (Siena), *The Italian bioethical debate on medically assisted reproduction*
- 5.30 **Fabio Bacchini** (Roma), *Being positive about positive genetic manipulation*
- 6.00 **F. Neresini** (Padova) **M. Bucchi** (Trento), *Biomedical biotechnologies in the Italian public sphere*
- 6.30 **Discussion**

Sponsorship: Compagnia di San Paolo di Torino, Fondazione Sigma-Tau, MIUR