





TOWN OF CARPI

The Collegium Ramazzini and the Town of Carpi are proud to recognize

## DAVID G. HOEL

as *Ramazzini Award* recipient and *Ramazzini Lecturer* for 1994, for having applied the biostatistical approach to the better understanding of the carcinogenesis process.

Professor Hoel graduated with an A.B. in Mathematics and Statistics, in 1961, with highest honours from the University of California at Berkeley. In 1966 he gained his Ph.D. in Statistics at the University of North Carolina at Chapel Hill. He carried out his postdoctoral traineeship in Biostatistics at Stanford University, and became Senior Mathematician at the Westinghouse Research Laboratories in Pittsburgh. In 1970 he moved to the National Institute of Environmental Health Sciences (NIEHS), first as Mathematical Statistician, and then as Chief of the Biometry Branch and as Acting Scientific Director. He is now Professor and Chairman of the Department of Biometry and Epidemiology of the Medical University of South Carolina at Charleston.

He has been member of many committees of the US National Academy of Sciences, of the US Government, and of the World Health Organization; in particular, he served on the Committee on the Biological Effects of Ionizing Radiation (BEIR V) of the National Academy of Sciences. Furthermore, he has been Associate Director of the Radiation Effects Research Foundation (RERF) in Hiroshima. Professor Hoel is member of various prestigious scientific societies, and is author or co-author of 140 important scientific papers. He has been honoured with many scientific recognitions.

Among his major scientific accomplishments are his studies on the estimation of toxic and carcinogenic risks, on the statistical extrapolation methods for assessing human risk from laboratory animal studies (particularly with regard to carcinogenicity) and on carcinogenesis due to ionizing radiation.

He has made important contributions to the scientific project which studies the causes of death of the survivors of the atomic bombing of Hiroshima and Nagasaki. This project has greatly expanded our knowledge on the carcinogenic and possible genetic effects of ionizing radiation.

The designation of Professor Hoel as 1994 Ramazzini Award recipient and Ramazzini Lecturer recognizes the level of his scientific accomplishments, the public health relevance of the fields he has approached, the continuity of his scientific involvement in those fields, and his scientific integrity.

Carpi, October 29, 1994

EULA BINGHAM, Ph.D. President

CLAUDIO BERGIANTI Mayor of Carpi

CESARE MALTONI, M.D. Secretary General