

**Imperial College London - US National Institute of Environmental Health Sciences
University of Turin – ISI Foundation Torino**

in collaboration with the Compagnia di San Paolo, Turin

The first

LORENZO TOMATIS CONFERENCE ON ENVIRONMENT AND CANCER

Turin, February 5 and 6, 2009



**Lorenzo Tomatis
Sassoferrato, Italy, 1929 - Lyon, France, 2007
Director IARC 1982-1993**

Lorenzo Tomatis, M.D., began his long biomedical and scientific career in Turin, Italy. His dedication to the fight against cancer ultimately led him to the World Health Organization's (WHO) International Agency for Research on Cancer in Lyon, France. As Director of the agency from 1982 to 1993, Tomatis encouraged and supported a broad spectrum of research themes, including emphasis on helping some of the world's poorest countries where he launched programs on hepatitis B vaccination and HPV research. Tomatis strongly believed that cancer prevention was possible if the environmental causes were identified and eradicated. This tenet was the basis of his professional career and permeated everything he did, from the development of the "Monographs on the carcinogenic risk to humans" to his continuing activity in the International Physicians for the Environment association after his retirement from the WHO.

The environmental causes of cancer are the object of continuing research and debate. Even recently very different estimates have been proposed of the burden of cancer attributable to environmental exposures. In addition, the principle of using surrogate systems – such as experiments in animals or cell cultures – to predict carcinogenic hazards in humans has been questioned, especially by industry researchers. Lorenzo Tomatis long recognized the utility of experimental studies for evaluating human cancer risk and the development of primary prevention strategies. His tireless efforts to promote cancer prevention have undoubtedly reduced cancer burdens throughout the world.

The Lorenzo Tomatis Conference on Environment and Cancer is a series of biennial conferences that has been established to reaffirm the scientific principles of primary prevention of cancer, particularly environmental cancer, and to highlight the continuing relevance of cancer prevention and public health in developed and developing countries. The first conference combines general themes with a focus on Tomatis' pioneering research experiences, including collaborative efforts with colleagues, many of whom will give oral presentations at the conference.

Preliminary Program

Thursday February 5, 2009. Morning

Opening addresses : Imperial College, University of Turin; Dr.Tomatis' family representatives

1. Keynote lecture: The impact of primary prevention, screening and therapy on cancer control.
2. The biology of cancer development.
3. Cancer, epimutation and transgenerational inheritance
4. Environmental cancer: why such a broad spectrum of estimates?
5. Cancer in developing countries.

Thursday February 5, 2009. Afternoon

6. The regulation of carcinogens.
7. The IARC Monographs programme.
8. Preventing primary liver cancer: the Gambia project.
9. HPV and cervical cancer: from etiology to prevention.
10. Nutrition and cancer.
11. Occupational cancer in developing countries.

Friday February 6, 2009. Morning

11. Biomarkers for hazard identification in humans.
12. Quantitative assessment of cancer risk.
13. Future perspectives: cancer control.
14. Future perspectives: environment, health and disease.
15. Cancer and society: round table