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Enrico Mihich, M.D.



FELLOWS OF THE AACR ACADEMY



Enrico Mihich, M.D.

Presidential Scholar and Special Assistant to the President for Sponsored Research, Dana Farber Cancer Institute, Boston, MA

In his long and productive career in cancer research, Dr. Mihich has achieved distinction for his studies examining the interactions of drugs with the immune system. He was the first to demonstrate that the therapeutic effects of certain anticancer drugs and cytokines are dependent upon the drug-induced modulation of the immune responses against the tumor. He was also the first to show that resistance to certain anticancer drugs was associated with an increased immunogenicity of the resistant cells. He later discovered TIP-B1, a protein, which inhibited cell death when incubated with TNF- α . He also showed that inhibition of polyamines resulted in antitumor effects. In addition to these fundamental studies, Dr. Mihich is well known for developing therapeutics and has brought several drugs into clinical trials, including methylglyoxal-bis-guanylhydrazone.

At the end of World War II, in order to escape from the Yugoslavian communist occupation, Dr. Mihich, with his parents, fled from their hometown and went to Milan where he received his medical education. In 1957 he moved permanently to the United States. His world views for cancer research also led to the establishment of the Pezcoller Foundation-AACR International Award for Cancer Research in addition to many other international scientific collaborations.

Career Highlights

- 2008 Elected Fellow, American Association for the Advancement of Science
- 2004 Director's Service Award, NCI
- 2001 Thomas B. Tomasi Achievement Award, Roswell Park Cancer Institute
- 1996-2004 Board of Scientific Advisors, NCI
- 1994 Lifetime Science Award, Institute of Advanced Studies in Immunology and Aging
- 1989-2008 Chairman, Pezcoller Symposia Committee
- 1987-1997 Vice President for Sponsored Programs, Roswell Park Cancer Institute
- 1987-1988 President, American Association for Cancer Research
- 1986 M.D. (h.c.), University of Marseille
- 1985-1988 Board of Directors, American Association for Cancer Research
- 1984-1990 National Cancer Advisory Board
- 1971-2001 Director, Department of Experimental Therapeutics and Grace Cancer Drug Center, Roswell Park Cancer Institute
- 1969-2006 Chairman Program of Molecular Pharmacology and Cancer Therapeutics, Roswell Park Division of the Graduate School of the State University of Buffalo
- 1962 Docent in Pharmacology, University of Milan
- 1951 M.D., University of Milan