

**DIOXIN 1981**  
**ARLINGTON, VIRGINIA**  
**25-29 OCTOBER 1981**

The Second International Symposium on Chlorinated Dioxins and Related Compounds (DIOXIN 1981) was held 25-29 October 1982 in Arlington, Virginia, USA. The Co-chairmen of the Organizing Committee were Dr. Alvin L. Young (then, Special Assistant to the Chief Medical Director, United States Veterans Administration, Washington, DC) and Dr. Guiseppi M. Reggiani, (then, Medical Director, Hoffmann-La Roche Ltd, Basel Switzerland), **Figure 1**.



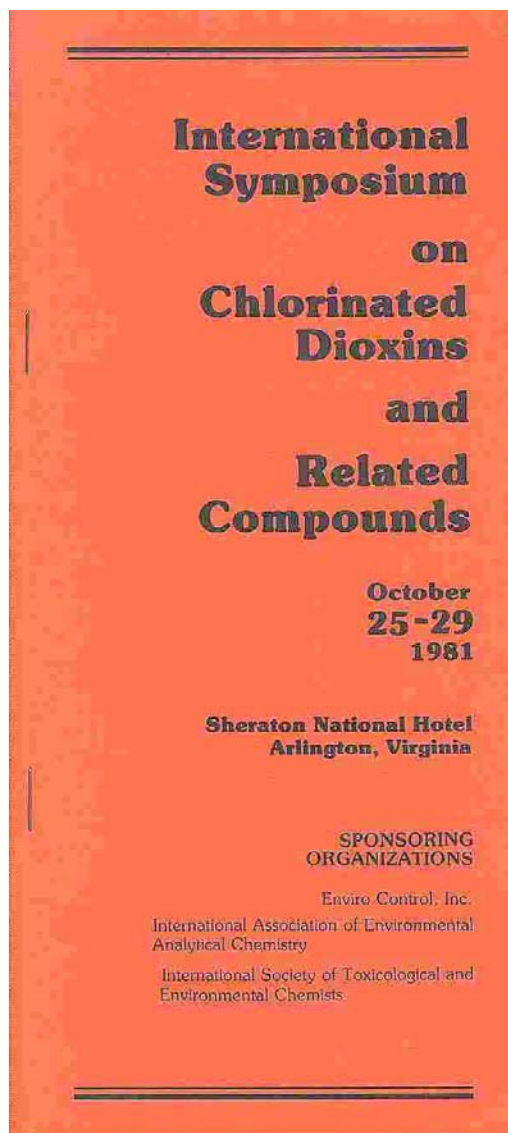
**Figure 1. Co-chairman of DIOXIN 1981, Dr. G. M. Reggiani, and Dr. A. L. Young**

The members of the Organizing Committee included Dr. Edward Smackler, Dr. Harold MacLeod, Dr. Stephan Safe, Dr. Phillip Kearney, Dr. Kenneth D. Crow, and Dr. Eugene E. Kenaga. The sponsoring organizations included the US Veterans Administration, International Association of Environmental Analytical Chemistry, International Society of Toxicology and Environmental Chemists, and Environ Control, Inc.

During the four-day symposium, 56 papers and 7 panel reports were presented to the more than 250 participants from 20 countries. Included in the participants were 70 physicians, and more than 100 chemists and toxicologists. The two concurrent sessions

permitted nine topic areas and the seven panel reports to be presented and developed during the four days. The topic areas included: Definition of the Problem, Analytical Chemistry, Environmental Chemistry, Animal Toxicology, Biochemistry and Metabolism, Environmental Toxicology, Human Observations, Risk Assessment, and Laboratory Safety and Waste Management.

DIOXIN 1981 represented the first discussions on human exposure to 2,4,5-T herbicide and Agent Orange (Dr. Barclay Shepard, Veterans Administration, and Dr. A.L. Black, Commonwealth Department of Health, Australia); first discussions on regulatory actions on dioxins and related compounds (Dr. Donald Barnes, US EPA, Washington); the Chemistry of Fires (Dr. Warren Crummett); the long-term studies of TCDD at Eglin Air Force Base, Florida (Dr. A.L. Young, VA); the theory of environmental accumulation and choice of monitoring matrices Dr. M.J. Boddington, Canada); metabolism and biochemistry of PCDDs (Dr. S. Safe, Texas A&M University, College Station, Texas); adipose tissue storage of PCDDs (Dr. M.H. Bickel, University of Berne, Switzerland); the symptomatology of chloracne (Dr. K.D. Crow, Princess Margaret Hospital, Wiltshire, United Kingdom); risk assessment of TCDD (Dr. Janice Longstreth, Dynamac Corporation, Rockville, Maryland); and a medical surveillance program for humans exposed to dioxins and furans (Drs. W.H. Wolfe, and G.D. Lathrop, Air Force Health Study [RANCH HAND], Brooks Air Force Base, Texas).



**Figure 2. Dioxin 81, Program Book**

Blue Ribbon Panels prepared reports on: Analytical Chemistry (Chairman, Harold MacLeod); Environmental Chemistry (Philip Kearney); Environmental Toxicology (Eugene Kenaga); Biochemistry and Metabolism (Stephen Safe); Animal Toxicology (Edward Smuckler); Human Observations (Kenneth Crow and Guiseppe Reggiani); and Laboratory Safety and Waste Management (Alvin Young).

All of the 56 papers and 7 panel reports were subsequently published as a peer-reviewed, 823-page book: **Tucker, R.E., Young, A.L., and Gray, A.P. (Editors): Human and**

**Environmental Risks of Chlorinated Dioxins and Related Compounds,  
Environmental Science Research, Volume 26, Plenum Press, New York. 1983.**