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DEDICATION
IN MEMORY OF

Dr. Tsuneo Kada
Dr. Alexander Hollaender

With respect and affection, the editors dedicate this volume to Dr. Tsuneo Kada and Dr. Alexander Hollaender, each of whom played a significant and important role in the establishment and continuation of these Conferences.

Tsuneo Kada was born in Japan, where he lived and worked throughout most of his scientific career. He received his undergraduate degree from the University of Tokyo and his doctorate in Natural Sciences from the University of Paris in 1963 for studies on the mechanism of mutation induction by X-rays and ultraviolet light in E. coli. He also studied in the United States, and was a frequent participant in international conferences and meetings. Dr. Kada was a pioneer in the area of studies on antimutagenesis, and it was his suggestion that led to the first International Conference on Mechanisms of Antimutagenesis and Anticarcinogenesis, for which he served as co-organizer and in which he participated vigorously. He will long be remembered for his numerous scientific contributions, including the development of the widely used "rec assay," and for his infectious enthusiasm which stimulated his colleagues and students. He was Professor and Head of the Department of Molecular Genetics at the National Institute of Genetics in Mishima, leading the planning for this Conference at the time of his untimely death in November of 1986.

"Alex" Hollaender was born in Germany, but in 1921 moved to the United States, where he pursued his educational and scientific careers. He received all of his degrees from the University of Wisconsin, where he completed his Ph.D. in 1931. He did pioneering experimental research in radiation biology, and was a driving force behind the organization of the Radiation Research Society and the Environmental Mutagen Society, and their international counterparts. He was also instrumental in founding the Biology Division of the Oak Ridge National Laboratory and served as
its Director for 20 years. From 1973 until his death in 1986, he operated the Council for Research Planning in Biological Sciences in Washington, DC, which played a strong advocacy role for science and scientific communication. He was a member of the National Academy of Sciences and holder of innumerable prestigious awards. He was enthusiastic, persistent, helpful, and loved and respected. At the time of his death in December of 1986, he was deeply involved in the planning for this Conference.

For their pioneering scientific contributions, and for their key roles in stimulating and organizing these Conferences, we dedicate this volume to our departed friends and colleagues.

Yukiaki Kuroda
Delbert M. Shankel
Michael D. Waters
ACKNOWLEDGEMENTS

Antimutagenesis and anticarcinogenesis and the intricate relationships between them are of clear significance in cancer, hereditary illnesses, and perhaps even in aging. The elaboration of the mechanisms involved in these processes can confer substantial benefits on this and future generations. It is our hope that bringing together the basic, clinical, and applied scientists who generously shared their data and their thoughts, both formally and informally, throughout this Conference will increase our understanding and lead to those future benefits.

The success of a conference depends upon the combined efforts, skills, and support of many individuals and organizations. Listed below you will find the membership of the International Advisory Board, the Japanese Advisory Board, the Organizing Committee, and the Local Committee. Their contributions were all important. Also listed are those local and federal agencies and companies in Japan and the United States which contributed financial support for the meeting. Without their support, the Conference could not have been successful; and we are deeply grateful for that support. Less obvious, but also important, were the contributions of the excellent secretarial and logistic support provided by the Conference Secretariat Staff at the National Institute of Genetics and by the staff of the Ohito Hotel at the conference site.

We are also indebted, of course, to each of the major speakers for their excellent presentations, and to all of those who presented short oral papers or posters and participated in the intellectual excitement of the meeting.

We are doubly grateful to those who have prepared their manuscripts for inclusion in these proceedings. The final success of any meeting depends upon the quality of the speakers and papers—and that quality was very high at this meeting, as evidenced by these papers. We express also our deep gratitude to Ms. Claire Wilson and the staff of Claire Wilson & Associates in Washington, DC, for technical editing and typing, and to the staff at Plenum Press who joined with Ms. Wilson to assure that these Proceedings could be published rapidly and efficiently.
Funding for the Conference was provided by the following organizations and companies:

The Agricultural Chemical Society of Japan
The Commemoration Association for the Japan World Exposition
The Environmental Mutagen Society of Japan
The Foundation for Advancement of International Science
The Genetics Society of Japan
The International Association of Environmental Mutagen Societies
The National Cancer Institute/National Institute of Environmental Health Sciences (USA, Grant #1R13CA49398-01)
The National Institute for Environmental Health Sciences (USA, Award #59-32U4-8-40)
The Pharmaceutical Society of Japan
The United States Department of Agriculture (Grant #59-32U4-8-40)
The Schering-Plough Corporation

The members of the International Advisory Board were Drs. Sherry Ansher (USA), Bryn Bridges (England), David Brusick (USA), Silvio de Flora (Italy), Barry Glickman (Canada), Philip Hartman (USA), Nicola Loprieno (Italy), Donald MacPhee (Australia), E. Moustacchi (France), Earle Nestmann (Canada), Claes Ramel (Sweden), Frederic Sobels (The Netherlands), R.C. "Jack" von Borstel (Canada), Graham Walker (USA), Michael D. Waters (USA), and Friederich Wurgler (Switzerland).

The members of the Japanese Advisory Board were Drs. T. lino (Tokyo), K. Imamura (Tsukuba), T. Matsushima (Tokyo), T. Sugimura (Tokyo), and Y. Tazima (Ibaraki).

In addition to Drs. Y. Kuroda (Chair) and D.M. Shankel (Co-chair), the other members of the Organizing Committee were Drs. Y. Shirasu (also Co-chair), Y. Sadaie (Secretary), H. Tezuka (Treasurer), and I. Tomita (Program).

The members of the Local Organization Committee were Drs. H. Fujiki (Tokyo), H. Hayatsu (Okayama), T. Inoue (Fujisawa), Y. Nakamura (Shizuoka), M. Namiki (Nagoya), H. Nishioka (Kyoto), T. Ohta (Tokyo), T. Ohsawa (Nagoya), T. Seno (Mishima), K. Shimo (Shizuoka), and K. Tutikawa (Mishima).

To all of the above, and to all of those who participated, we express our sincere thanks.

Yukiaki Kuroda
Delbert M. Shankel
Michael D. Waters
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