Ralph Cooper received his PhD in Psychobiology from Rutgers University in 1973 and postdoctoral training in the Duke University Neurosciences Program and the Center for the Study of Aging and Human Development. In 1976, he joined the Duke University Medical School faculty with appointments in Psychiatry and Psychology conducting research on the causes and consequences of age-associated changes in brain chemistry. He joined the staff at the National Health and Ecological Effects Research Laboratory, (NHEERL), US. EPA in 1984 where he served as a research biologist, and held positions as Chief of the Endocrinology/Gerontology Section and Chief of the Endocrinology Branch in the Reproductive Toxicology Division. Dr. Cooper has served on several study sections for NIEHS and U.S. EPA, and the editorial board of Editorial Board of Experimental Aging Research, the Neurobiology of Aging and Birth Defects Research: Developmental and Reproductive Toxicology. He held appointments as an adjunct professor at Duke University, Department of Psychology and North Carolina State School of Veterinary Medicine. While at NHEERL, he maintained an active research program examining the effect of environmental chemicals on neuroendocrine function. He has numerous publications in this area, the results of which have had a major influence on regulatory decisions by the Agency. Two of his papers were voted the “Best Paper Published in Toxicological Sciences” by the Reproductive and Developmental Toxicology Specialty Section of the Society of Toxicology. Dr. Cooper participated in a number of critical activities for EPA including the development of background material and presentations at a number of Science Advisory Panels addressing critical issues associated with the regulation of environmental chemicals. He and members of the Endocrinology Branch played a significant role in the development, validation and implementation of many of the Tier 1 test included in the Agency’s Endocrine Disruptor Screening and Testing Program. He is the recipient of several awards from the Office of Research and Development, Office of Pesticide Programs and NHEERL for his contributions to the Agency including a Gold Medal for exceptional service, Silver and Bronze Medals recognizing the impact of his programmatic contributions and several Scientific and Technical Achievement Awards. He is a founding member of the Triangle Consortium for Reproductive Biology, an organization that promotes communication and information sharing among North Carolina colleges, universities and government institutions. At the international level, Dr. Cooper served as co-chair of the International ISLI/HESI Agricultural Chemical Safety Assessment Committee which re-evaluated the regulatory tests required for protecting human health. He contributed significantly to the development of new guidelines for multigenerational test for the Organization of Economic Cooperation and Development (OECD). He has also served on expert workgroups and panels with the World Health Organization’s International Programme on Chemical Safety, and the World Trade Organization addressing issues related to the impact of chemical exposure on human health.