Ivan Rusyn is Professor in the Department of Veterinary Integrative Biosciences in the College of Veterinary Medicine & Biomedical Sciences, Chair of the Interdisciplinary Faculty of Toxicology, Director of an NIEHS T32 training program in "Regulatory Science in Environmental Health and Toxicology," and Director of the Superfund Research Center at Texas A&M University in College Station. Prior to joining Texas A&M University in 2014, he was Professor of Environmental Sciences and Engineering at the University of North Carolina in Chapel Hill. His laboratory has an active research portfolio with a focus on the mechanisms of chemical toxicity, genetic determinants of susceptibility to toxicant-induced disease and the use of new approach methods in decision-making. His studies on health effects of chemical agents resulted in over 225 peer-reviewed publications which were cited over 16,000 times (*h*-index=65). He has served on many US National Academies committees, World Health Organization/International Agency for Research on Cancer monograph working groups (as an overall chair, or a chair of "Mechanistic and Other Relevant Evidence" sub-group) and on the Expert Taskforce for the Joint FAO/WHO Meeting on Pesticide Residues (JMPR). His other notable service commitments include serving on the Board of the Scientific Councilors of the United States National Institute of Environmental Health Sciences, the advisory board for Texas Department of Public Health, and membership on the Research Committee of the Health Effects Institute. Dr. Rusyn received a doctor of medicine degree from Ukrainian State Medical University in Kyiv and a Ph.D. in toxicology from the University of North Carolina at Chapel Hill. He conducted postdoctoral research at the Massachusetts Institute of Technology and Heinrich-Heine University in Dusseldorf. Dr. Rusyn's laboratory has been funded by grants and cooperative research agreements from the National Institutes of Health and US Environmental Protection Agency, institutional funding from Texas A&M University, the industry, and other sources.