
Thomas J. Kelly, M.D., Ph.D.

Dr. Thomas Kelly received a B.A., a Ph.D. in Biophysics, and an M.D. from the Johns Hopkins University and held postdoctoral positions in the Department of Biological Chemistry, Harvard Medical School, the Department of Microbiology at the Johns Hopkins School of Medicine and the Laboratory of Viral Diseases in the National Institute of Allergy and Infectious Diseases at the National Institutes of Health. He then joined the faculty of the Department of Microbiology, the forerunner of the Department of Molecular Biology & Genetics, at the Johns Hopkins School of Medicine, becoming the Director of the Department in 1982. In 2002, he became the Director of the Sloan-Kettering Institute at the Memorial Sloan-Kettering Cancer Center in New York City.

Dr. Kelly's work has focused on the structure and function of DNA. His postdoctoral work included seminal contributions on the dissection of the mechanism of action of restriction enzymes. Much of his work has focused in particular on the mechanism of eukaryotic DNA replication and how it is controlled. He made many early and significant contributions to the biochemical dissection of the replication of eukaryotic viruses such as adenovirus and SV40. His more recent work has shifted to probing cell cycle control and replication mechanism in *Schizosaccharomyces pombe*.

Dr. Kelly's contributions have been recognized in many significant ways: he is a member of the Institute of Medicine, the National Academy of Sciences and of many important advisory committees including the National Academy of Sciences/Institute of Medicine Committee on NIH Research Priority Setting, the Scientific Advisory Board of the Howard Hughes Medical Institute and the National Cancer Institute Board of Scientific Advisors.