

Michael J. Imperiale, Ph.D.

Dr. Michael Imperiale is a native of New York City. He received his undergraduate and graduate training at Columbia University, receiving a B.A. in 1976, M.A. in 1978, and Ph.D. in 1981, all in Biological Sciences. His graduate dissertation was an examination of the specificity of individual helper T lymphocytes during the humoral immune response. He then moved to The Rockefeller University, where he first became interested in viruses, studying gene regulation in the human pathogen, adenovirus. During that time he was supported by postdoctoral fellowships from the Damon Runyon-Walter Winchell Cancer Fund and the National Institutes of Health. In 1984, Dr. Imperiale joined the Department of Microbiology and Immunology at the University of Michigan Medical School as the Arthur F. Thurnau Assistant Professor of Microbiology and Immunology. He was promoted to Associate Professor in 1990 and to Professor in 1996. From 2003-2004 he served as Interim Chair of the Department of Microbiology and Immunology, and he is currently Associate Chair. Dr. Imperiale served as Chair of the Institutional Biosafety Committee at the University of Michigan from 2000-2008. He is currently the Arthur F. Thurnau Professor of Microbiology and Immunology. In 2009 he was awarded the Distinguished Faculty Achievement Award by the University of Michigan, and in 2010 he was elected as a Fellow of the American Academy of Microbiology.

Dr. Imperiale's laboratory research interests focus on the study of DNA tumor viruses. He has made important contributions to our understanding of how these viruses regulate expression of their genes, how they contribute to oncogenesis, and how they interact with the infected cell in order to cause acute disease. Most recently his laboratory has been examining how these viruses assemble as well as their behavior in healthy individuals and immunosuppressed patients. Outside the laboratory, Dr. Imperiale is interested in science policy as it relates to biosafety and biosecurity. Dr. Imperiale's work has been funded by the NIH and other federal and private agencies, and has been published in leading journals in the field. He has presented his findings at numerous national and international conferences and is an Editor of the *Journal of Virology*, *PLoS Pathogens*, and *mBio*. He has also served on numerous NIH grant review panels and the National Academy of Sciences Committee for a New Government-University Partnership in Science and Security. He is currently a member of the National Science Advisory Board for Biosecurity.