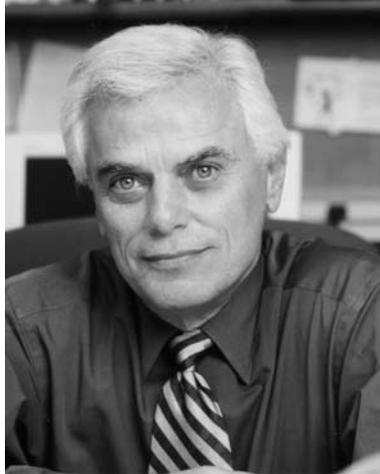


**Residents and Fellows Research Day  
Keynote Speaker 2006**

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**Vincent A. Fischetti, Ph.D.**  
**“Phage Lytic Enzymes:  
Novel Anti-Infectives”**

Dr. Vincent A. Fischetti is Professor and Chairman of the Laboratory of Bacterial Pathogenesis and Immunology at The Rockefeller University. He is a distinguished scientist, prolific author of journal articles and book chapters, and the recipient of numerous honors and awards, including the Merit Award of the National Institutes of Health.

He has served as visiting scholar or lecturer at numerous universities and as invited speaker at many conferences. Most recently, he has been named the 2006 George F. Heinrich, M.D. Lecturer at New York Hospital Queens.

Dr. Fischetti is a graduate of Wagner College with a Bachelor of Science in bacteriology. He earned a Master of Science in microbiology from Long Island University and a Ph.D. with honors in microbiology from New York University. He is a fellow of the American Academy for Microbiology.

Dr. Fischetti is a member of several advisory boards including the Advisory Board of the New York Hall of Science and the Microbiology Advisory Board of the New York Academy of Science.

He has also served in numerous editorial capacities, including ten years as Editor-in Chief of the journal *Infection and Immunity*, and is currently an advisory editor of *Trends in Microbiology* and the *Journal of Experimental Medicine*. He has published

extensively in the most prestigious peer-reviewed journals, including *Science*, *Journal of Clinical Investigation*, *Journal of Experimental Medicine*, and *Proceedings of the National Academy of Sciences*.

Dr. Fischetti's association with The Rockefeller University began in 1970 as a postdoctoral fellow. He was subsequently appointed to adjunct, assistant and associate professorships and was named Professor and Chairman in 1990. The focus of his work at the university has been the mechanisms by which bacteria cause disease and development of antimicrobial therapies.

Dr. Fischetti and his colleagues have developed enzymes that target and kill a wide range of common pathogenic bacteria. They have shown that natural enzymes derived from tiny viruses living inside bacteria (bacteriophage lytic enzymes) can successfully target and kill disease bacteria, including those that are resistant to standard drugs.

Of tremendous clinical importance is that these enzymes are likely to be without significant adverse effects, and resistance to them has not been observed.

This groundbreaking work is the subject of the keynote address, “Phage Lytic Enzymes: Novel Anti-Infectives” at Lang Research Day 2006.