

Dr. Lemischka received his B.A. in Biology from The Johns Hopkins University and his Ph.D. in Biology from Massachusetts Institute of Technology. His graduate training was done with Dr. Phillip Sharp, Department of Biology and Center for Cancer Research at M.I.T. His postdoctoral research was carried on in the laboratories of Dr. Richard Mulligan and Dr. Frank Solomon, also at the Center for Cancer Research, M.I.T.

He joined the faculty of Princeton University in 1986 as an Assistant Professor of Molecular Biology and was promoted to Professor in 2002. His awards include a Damon Runyon-Walter Winchell Postdoctoral Fellow Award, a Leukemia Society Special Fellowship, an American Cyanamid Preceptorship Award and the DuPont Young Faculty Grant. Dr. Lemischka combines research with teaching, and has taught both graduates and undergraduates at Princeton. He is a member of the President's Strategic Council on Research Advancement, University of Medicine and Dentistry, New Jersey.

He serves on the Editorial Boards of *Immunity*, *Developmental Cell*, *Experimental Hematology* and *Stem Cells* and he has volunteered his expertise on several NIH study sections. He has authored over 50 book chapters and publications in peer-reviewed journals, and has presented countless seminars, primarily in the field of hematopoietic stem cells, all over the world. Dr. Lemischka's research interests include hematopoietic stem cell biology and developmental biology. The unifying goal of his studies is a direct cellular, molecular and functional analysis of hematopoietic stem cells. Recently his laboratory has been applying genomics and functional genomics approaches to identify stem cell molecular phenotypes and to begin elucidating stem cell regulatory network and pathways.