

Linda Baum, M.D., Ph.D.

Dr. Linda Baum is interested in the role of cell surface carbohydrates and endogenous lectins in the maturation and function of mammalian cells. Dr. Baum attended Stanford University, where she received a B.S. in Biology in 1979. She received her Ph.D., with Peter Cresswell in Immunology, and M.D. degrees from Duke University in 1986. Dr. Baum completed her residency in Clinical Pathology at UCLA in 1989, and is Board Certified in Clinical Pathology. She was a post-doctoral fellow in James Paulson's lab during her residency, where she investigated host effects on influenza virus tropism. She joined the UCLA Dept. of Pathology and Laboratory Medicine in 1989 as an Assistant Professor, and became a full Professor in 2002. She served as the President of the Society for Glycobiology in 2006. She is currently on the Editorial Board of The Journal of Biological Chemistry and is Associate Editor for Reviews for the Society journal Glycobiology.

For 20 years, Dr. Baum has investigated the roles of cell surface glycans and endogenous lectins in regulation of cellular survival, trafficking, maturation and effector functions. Her current research focuses on the biochemistry and biology of glycan-lectin interactions in regulating emigration of dendritic cells from inflamed tissues, in B lymphoma cell resistance to chemotherapeutic agents, in viral pathogenesis, and in muscle cell development. She collaborates with UCLA investigators in the California Nanoscience Institute, the Center for Muscular Dystrophy, and the Jonsson Comprehensive Cancer Center. At UCLA, Dr. Baum teaches in the Medical School and the Graduate School, and has received the Excellence in Education Award. She is also the Division Chief of Laboratory Medicine and the Medical Director of the UCLA Clinical Laboratories.