



[✎ Update Your Profile](#)

Dean L. Mann, MD

Academic Title:

Professor

Primary Appointment:

Pathology

Secondary Appointment(s):

Microbiology and Immunology

Email:

dmann001@umaryland.edu

Location:

UMMC, P3G12

Phone (Primary):

(410) 328-5512

Phone (Secondary):

(410) 706-1820

[Download CV](#)

Education and Training

1956 B.A. - Science Goshen College, Goshen, Indiana

1963 M.D. - St. Louis University School of Medicine, St. Louis, MO

Internship (medical)

1963-1964 - St. Louis University Hospital, St. Louis, MO

Residency - Internal Medicine

1964-1966 - St. Louis University Hospital, St. Louis, MO

Fellowships

1966–1968 – NIH Postdoctoral Fellowship in Immunology

Biosketch

Dean L Mann M.D is professor and head of the Division of Immunogenetics in the Department of Pathology at the University of Maryland School of Medicine. He also has a joint appointment of the Department of Microbiology and Immunology and is a member of the Program in Oncology in the Marlene and Stuart Greenebaum Comprehensive Cancer Center.

Dr. Mann received his medical degree at St. Louis University School of Medicine and completed his residency in Internal Medicine at the University's group of Hospitals. He was awarded a post doctoral fellowship in the National Cancer Institute at the National Institute of Health. After completion, he served for some 28 years as Senior Investigator and Section Head of various Branches and Laboratories in the NCI. Dr. Mann accepted his current position at the University of Maryland approximately 20 years ago

Dr. Mann is recognized nationally and internationally for his research in Human Immunogenetics. He and his colleagues were among the first to isolate HLA molecules in soluble form, results that led to the elucidation of their molecular composition, crystal structure and function as primary regulators of the immune response. His pioneering work in this area resulted in extensive collaborations with basic and clinical scientists in the US and worldwide leading to the first reports of associations of specific alleles of genes encoding HLA class I and Class II molecules with wide number of autoimmune diseases and contributed to the relative rates of disease progression in HIV infected individuals.

Recognition of his expertise in human immunology led to collaborations with scientists in other areas including virology and cancer. Examples of the former include demonstration that human cord blood lymphocytes were capable of being infected with primary sources of HTLV I and that this human retro virus played an indirect role in CLL leukemogenesis in an infected individual. Extensive collaborations were established with members of Dr Robert Gallo's group at the NCI in the early studies of HIV.

Since coming to the University of Maryland, Dr. Mann has continued his research efforts in the above areas focusing on auto immune disease and Cancer, the latter in the area of cancer immunology and Immunotherapy. He and members of the Department of Otorhinolaryngology developed an FDA approved IND, an immunotherapy protocol to treat patients with advanced cancers.

Research/Clinical Keywords

Immunogenetics

Highlighted Publications

Dr. Mann has authored /coauthored over 260 peer reviewed articles published in first line journals including Science, Nature, Nature Medicine. Journal of Experimental Medicine. PNAS and Journal of Biologic Chemistry and over 40 chapters and reviews Current citations, more than 16,000

Mann, D.L., Rogentine, G.N. Jr., Fahey, J.L., & Nathenson, S.G. Solubilization of human leukocyte membrane isoantigens. Nature, 217: 1180–1181, 1968.

Reinertsen, J., Klippel, J., Johnson, A., Steinberg, A., Decker, J., & Mann, D. B-lymphocyte alloantigens associated with systemic lupus erythematosus. *New England Journal of Medicine*, 299: 515-518, 1978.

Popovic, M., Sarin, P.S., Robert-Guroff, M., Kalyanaraman, U.S., Mann, D.L., Minowada, J., & Gallo, R.C. Isolation and transmission of human retrovirus (human T-cell leukemia virus). *Science*, 219: 856-859, 1983

Mann, D.L., DeSantis, P., Mark, G., Pfeifer, A., Newman, M., Gibbs, N., Popovic, M., Sarngadharan, M.O., Gallo, R.C., Clark, J., & Blattner, W.A. Indirect role for retrovirus in leukemogenesis. *Science*, 236: 1103-1106, 1987.

Kaslow, R.A., Carrington, M., Apple, R., Park, L., Munoz, A., Saah, A.J., Goedert, J.J., Winkler, C., O'Brien, S.J., Rinaldo, C., Detels, R., Blattner, W., Phair, J., Erlich, H., & Mann, D.L. Influence of combinations of human major histocompatibility complex genes on the course of HIV-1 infection. *Nature Medicine*, 2: 405-411, 1996.

 [Update Your Profile](#)