



Conditions Treated:

Research Areas:

- *Eczema (Atopic Dermatitis) Overview*
- *Chronic Beryllium Disease*
- *Cancer*
- *Autoimmunity/Rheumatology*
- *Basic Immunology*
- *Diabetes, Type-1*
- *Molecular Immunology*
- *Structural Biology*

Education

1965 Lehigh University, BA, Chemistry
1970 Brandeis University, PhD, Biochemistry

Fellowship

1971 - 1973 University of California at San Diego, Department of Biology,

Teaching or Professional Positions

Senior Faculty, Integrated Dept. of Immunology, National Jewish Health and University of Colorado Denver

Affiliations with the University of Colorado Denver

1993-Present: Distinguished Professor, University of Colorado Denver

Professional Memberships

American Association of Immunologists
American Association for the Advancement of Science
National Academy of Sciences
Institute of Medicine of the NAS

Awards & Recognition

2015: Wolf Prize in Medicine, Wolf Foundation
Louisa Gross Horwitz Prize, Columbia University
Bonfils-Stanton Foundation Award in Science and Medicine
National Jewish Health Lifetime Achievement Award
Advisory Editor, Journal of Immunology
Ad hoc member NIH Transplantation Biology and Immunology Committee
Damon Runyon Foundation for Cancer Research Fellowship Review Committee

Publications

Yang B, Gay DL, Macleod MK, Cao X, Hala T, Sweezer EM, Kappler J, Marrack P, Oliver PM. Nedd4 augments the adaptive immune response by promoting ubiquitin-mediated degradation of Cbl-b in activated T cells. *Nat Immunol.* 2008 Dec;9(12):1356-63.

MacLeod MK, McKee A, Crawford F, White J, Kappler J, Marrack P. CD4 memory T cells divide poorly in response to antigen because of their cytokine profile. *Proc Natl Acad Sci U S A.* 2008 Sep 23;105(38):14521-6.

Clambey ET, White J, Kappler JW, Marrack P. Identification of two major types of age-associated CD8 clonal expansions with highly divergent properties. *Proc Natl Acad Sci U S A.* 2008 Sep 2;105(35):12997-3002.

Dai S, Crawford F, Marrack P, Kappler JW. The structure of HLA-DR52c: comparison to other HLA-DRB3 alleles. *Proc Natl Acad Sci U S A.* 2008 Aug 19;105(33):11893-7.

Marrack P, Rubtsova K, Scott-Browne J, Kappler JW. T cell receptor specificity for major histocompatibility complex proteins. *Curr Opin Immunol.* 2008 Apr;20(2):203-7.

Doctor's Contact Information

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