
List of Contents

Section I. Molecular Biology

Evolutionary Biology of CD1	3
<i>C. C. Dascher</i>	
Architecture of CD1 Proteins	27
<i>D. M. Zajonc and I. A. Wilson</i>	
Structure and Biology of Self Lipid Antigens	51
<i>G. De Libero and L. Mori</i>	
Structures and Functions of Microbial Lipid Antigens Presented by CD1	73
<i>B. E. Willcox, C. R. Willcox, L. G. Dover, and G. Besra</i>	

Section II. Cellular Biology

CD1 Expression on Antigen-Presenting Cells	113
<i>S. K. Dougan, A. Kaser, and R. S. Blumberg</i>	
Pathways of CD1 and Lipid Antigen Delivery, Trafficking, Processing, Loading, and Presentation	143
<i>M. Sugita, D. C. Barral, and M. B. Brenner</i>	
TCR-Mediated Recognition of Glycolipid CD1 Complexes	165
<i>B. A. Sullivan and M. Kronenberg</i>	
Development and Selection of V α 14i NKT Cells	195
<i>H. R. MacDonald and M. P. Mycko</i>	

Section III. Disease

CD1-Restricted T Cells in Host Defense to Infectious Diseases	215
<i>S. M. Behar and S. A. Porcelli</i>	

NKT Cells and Autoimmune Diseases: Unraveling the Complexity	251
<i>S. Miyake and T. Yamamura</i>	
iNKT Cells in Allergic Disease	269
<i>E. H. Meyer, R. H. DeKruyff, and D. T. Umetsu</i>	
CD1-Restricted T Cells and Tumor Immunity	293
<i>J. B. Swann, J. M. C. Coquet, M. J. Smyth, and D. I. Godfrey</i>	
Harnessing NKT Cells for Therapeutic Applications	325
<i>V. Cerundolo and M. Salio</i>	
Subject Index	341