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SYMPOSIA SERIES No. 45

# The Lymphocyte Cell Surface

Edited by **P. B. Garland** and **M. J. Crumpton**

pp. 124 (ISBN 0 904498 10 7) £15.00 (US\$35.00)

A Biochemical Society Symposium held in Cambridge in June 1979

The Biochemical Society's Forty-fifth Symposium held at Cambridge in June 1979 dealt with two areas of biomedical research currently regarded as among the most exciting and clinically important research interests: the molecular mechanics of the immune response and the biochemistry of the cell surface. Speakers at the Symposium reviewed results from this work and in addition gave emphasis to those research aspects providing greatest promise in future work with the lymphocyte. A number of the major contributions to the Symposium form the basis of this publication.

## *Preface*

*A Calcium Hypothesis for the Control of Cell Growth*

by **J. C. Metcalfe, T. Pozzan, G. A. Smith & T. R. Hesketh**

*Cell-Surface Antigens of Lymphocytes: Markers and Molecules*

by **A. F. Williams**

*Structural Similarities Between Thy-1 Antigen from Rat Brain and Immunoglobulin*

by **D. G. Campbell, A. F. Williams, P. M. Bayley & K. B. M. Reid**

*The Motor of Amoeboid Leucocytes*

by **T. P. Stossel, J. H. Hartwig, H. L. Yin & O. Stendahl**

*Contact-Induced Modification of Lymphocyte Morphology*

by **L. Wanger & K.-G. Sundqvist**

*Functional Studies on Receptor Complexes of B-Lymphocytes Involved in Regulation of Growth and Maturation*

by **F. Melchers, J. Andersson, W. Lernhardt & M. H. Schreier**

*Biosynthesis of Cell-Surface Immunoglobulins*

by **P. A. Singer, H. H. Singer & A. R. Williamson**

*The Natural History of Transmembrane Cell-Surface Glycoproteins*

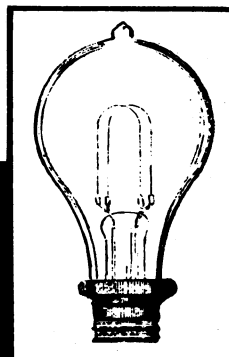
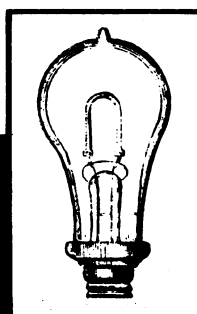
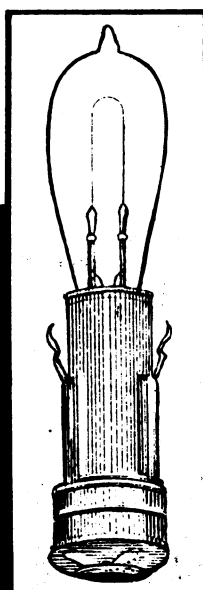
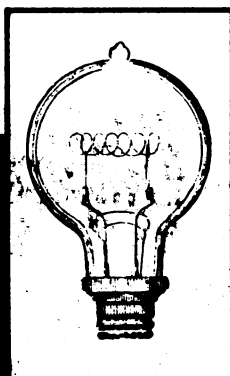
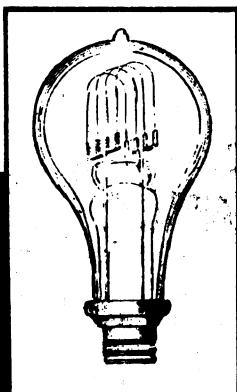
by **H. F. Lodish**

*Subject Index*

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