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BOOK REVIEW AND ABSTRACT.

BLOOM, B. R., R. GLADE, editors (Dept. of Microbiol. and Immunol. Albert Einstein Coll. of Med., Bronx, N. Y., and Dept. of Ped., Div. of Infectious Dis., Mt. Sinai School of Med., New York): **In vitro Methods in Cell-Mediated Immunity.** Academic Press, New York/London, 1971

While the important role cell-mediated immune reactions most likely play in the pathogenesis of various diseases is now being widely recognized, basic understanding of immune phenomena mediated by lymphoid elements and other cells is still rudimentary. A series of *in vitro* model systems for the study of cell-mediated immune reactions has been established in recent years. In a conference/workshop, sponsored by the National Institute of Allergy and Infectious Diseases and held at the end of May, 1970, in New York, most of these models were presented by experienced investigators currently working in laboratories that have originated the technique. The present volume is the product of this meeting, and the editors, B. R. BLOOM and P. R. GLADE are to be commended for an excellent and rather unorthodox presentation. The first part of the book contains a word-for-word transcript of presentations and frank discussion remarks by the various participants. In an introductory session the major types of assays used for

studying mediators were discussed. Factors and activities produced by lymphocytes *in vitro*, the biological implications of these *in vitro* phenomena as well as prospects for improved methodology were the topics covered in the other sessions. The second section contains detailed descriptions and protocols for performing a total of 38 of the major assays used throughout the world in *in vitro* studies of cell-mediated immunity. The possibility to reproduce these techniques anywhere with the aid of these methodological recipes and to analyze the results in the light of the critical discussion as presented in the first part of volume may provide a unique stimulus for further work in this important area of immunology. The book will prove to be of value to immunologists, while to the uninitiated the lack of a keyword register impedes access to the wealth of information contained in text, graphs and many tables. Because of the short "half-life" of some of the newly developed methods, this book suffers, perhaps more than other conference proceedings, from a 2-year time lapse until it was published. M. W. HESS

PEIRCE, J. C., G. E. MADGE, H. M. LEE, D. M. HUME (Depts. of Surg. and Pathol. Strauss Surg. Res. Labs. Med. Coll. of Virginia, Health Sciences, Virginia Commonwealth Univ., Richmond, Virg.): **Lymphoma, A Complication of Renal**

Allotransplantation in Man. J. Amer. med. Ass. 219 (1972), 598-1597

The authors described three cases of reticulum cell sarcoma which developed in 151 real allotransplant recipients. In two of these patients the tumor occurred more than five years after successful transplantation; in a third the lymphoma was diagnosed eighteen months after transplantation.

The incidence is more than 100 times greater than that in the general population

and far greater than that of any other type of malignant tumor in transplant recipients. Earliest manifestations of the tumor were macrocytic anemia. None had peripheral lymphadenopathy, and no tumor in the bone marrow aspirates were found. Histologically, the tumors were reticulum cell sarcomas.

It is suggested that the presence of a foreign organ transplant together with immunosuppressive therapy was responsible for this remarkable increase in the incidence of lymphoma.

P. R. KOEHLER

INTERNATIONAL SOCIETY OF LYMPHOLOGY

Annual award of the International Society of Lymphology

An award shall be granted to the best original contribution in the field of lymphology. Publications in the journal *Lymphology* are automatically eligible. The selection shall be made by an international committee of outstanding well known members of our society. The award convocation shall take place at the business meetings of the society.

The award was founded by the Bracco Industria Chimica S. A. Milano. The society acknowledges gratefully this donation.

Dear Colleagues,

May we kindly ask you once more to take part in a central registration of cases with serious complications in lymphography. Please use the questionnaire in the March issue of *Lymphology*. Thank you for your cooperation.

Forthcoming Conventions

September 24-29, 1972, San Francisco: 4th International Congress of the Society for Transplantation. Information: S. L. KOUNTZ, M. D., Department of Surgery, University of California, San Francisco Medical Center, San Francisco, Cal. 94112, U.S.A.

March 6-10, 1973, Tucson, Arizona: 4th International Congress of Lymphology of the International Society of Lymphology. Information: Ch. WITTE, M. D., Department of Surgery, University of Arizona, College of Medicine, Tucson, Arizona, U.S.A.

Responsible for the advertisement columns: WEFRA-Werbeagentur, R. Haack & Co., D-6 Frankfurt a. M., Stresemann-Allee 13, Phone No. 62 26 50-53. - *Printed in Germany* by Buchdruckerei D. Lauk, D-7272 Altensteig/Schwarzwald. - *Address of the publishers:* Georg Thieme Verlag, D-7 Stuttgart N, Herdweg 63, P.O. Box 732, Phone No. 07 11/29 06 46 (after office hours: 07 11/29 06 40). Telex: 07-21 942. Cables: Thiemebuch Stuttgart.