

CONTENTS

- 1133 ROBERT A. LEWIS, STEPHEN I. WASSERMAN, EDWARD J. GOETZL, and K. FRANK AUSTEN. Formation of slow-reacting substance of anaphylaxis in human lung tissue and cells before release
- 1147 JAMES WATSON and ROY RIBLET. Genetic control of responses to bacterial lipopolysaccharides in mice. I. Evidence for a single gene that influences mitogenic and immunogenic responses to lipopolysaccharides
- 1162 LUIGI CHIECO-BIANCHI, ALFONSO COLOMBATTI, DINO COLLAVO, FUJIRO SENDO, TADAO AOKI, and PETER J. FISCHINGER. Tumor induction by murine sarcoma virus in AKR and C58 mice. Reduction of tumor regression associated with appearance of Gross leukemia virus pseudotypes
- 1180 GÜNTHER J. HÄMMERLING and HUGH O. McDEVITT. Comparative analysis of antigen-binding T cells in genetic high and low responder mice
- 1189 GILBERT J. FOURNIE, PAUL H. LAMBERT, and PETER A. MIESCHER. Release of DNA in circulating blood and induction of anti-DNA antibodies after injection of bacterial lipopolysaccharides
- 1207 EMIL R. UNANUE and MORRIS J. KARNOVSKY. Ligand-induced movement of lymphocyte membrane macromolecules. V. Capping, cell movement, and microtubular function in normal and lectin-treated lymphocytes
- 1221 CARLO M. CROCE and HILARY KOPROWSKI. Somatic cell hybrids between mouse peritoneal macrophages and SV40-transformed human cells. I. Positive control of the transformed phenotype by the human chromosome 7 carrying the SV40 genome
- 1230 ARGYRIOS N. THEOFILOPOULOS, CURTIS B. WILSON, VIKTOR A. BOKISCH, and FRANK J. DIXON. Binding of soluble immune complexes to human lymphoblastoid cells. II. Use of Raji cells to detect circulating immune complexes in animal and human sera
- 1245 OLE WERDELIN, OTTO BRÆNDSTRUP, and ESKILD PEDERSEN. Macrophage-lymphocyte clusters in the immune response to soluble protein antigen in vitro. I. Roles of lymphocytes and macrophages in cluster formation
- 1260 MORTEN H. NIELSEN, HENNING JENSEN, OTTO BRÆNDSTRUP, and OLE WERDELIN. Macrophage-lymphocyte clusters in the immune response to soluble protein antigen in vitro. II. Ultrastructure of clusters formed during the early response
- 1273 JEFFREY A. FRELINGER, JOHN E. NIEDERHUBER, C. S. DAVID, and DONALD C. SHREFFLER. Evidence for the expression of Ia (*H-2*-associated) antigens on thymus-derived lymphocytes
- 1285 EDMOND A. GOIDL and GREGORY W. SISKIND. Ontogeny of B-lymphocyte function. I. Restricted heterogeneity of the antibody response of B lymphocytes from neonatal and fetal mice
- 1303 ROSS E. ROCKLIN, RICHARD P. MacDERMOTT, LEONARD CHESSE, STUART F. SCHLOSSMAN, and JOHN R. DAVID. Studies on mediator production by highly purified human T and B lymphocytes
- 1317 PETER LONAI and HUGH O. McDEVITT. I-region genes are expressed on T and B lymphocytes. Studies of the mixed lymphocyte reaction (MLR)
- 1324 ROBERT D. SCHREIBER and HANS J. MÜLLER-EBERHARD. Fourth component of human complement: description of a three polypeptide chain structure
- 1336 VIKTOR A. BOKISCH and ALAIN T. SOBEL. Receptor for the fourth component of complement on human B lymphocytes and cultured human lymphoblastoid cells
- 1348 PHIL HALLORAN, VOLKER SHIRRMACHER, and HILLIARD FESTENSTEIN. A new sensitive assay for antibody against cell surface antigens based on inhibition of cell-dependent antibody-mediated cytotoxicity. I. Specificity and sensitivity
- 1364 PAUL J. EDELSON and ZANVIL A. COHN. Effects of concanavalin A on mouse peritoneal macrophages. I. Stimulation of endocytic activity and inhibition of phagolysosome formation
- 1387 PAUL J. EDELSON and ZANVIL A. COHN. Effects of concanavalin A on mouse peritoneal macrophages. II. Metabolism of endocytized proteins and reversibility of the effects by mannose

BRIEF DEFINITIVE REPORTS APPEAR ON REVERSE OF THIS COVER

Contents continued from back cover

BRIEF DEFINITIVE REPORTS

- 1404 DAVID L. ROSENSTREICH, JEAN ASSELINEAU, STEPHAN E. MERGENHAGEN, and ALOIS NOWOTNY. A synthetic glycolipid with B-cell mitogenic activity
- 1410 BARBARA J. ALTER and FRITZ H. BACH. Role of *H-2* lymphocyte-defined and serologically-defined components in the generation of cytotoxic lymphocytes
- 1416 KENNETH R. SCHROER, DAVID E. BRILES, JOHN A. VAN BOXEL, and JOSEPH M. DAVIE. Idiotypic uniformity of cell surface immunoglobulin in chronic lymphocytic leukemia. Evidence for monoclonal proliferation
- 1421 SUSAN ZOLLA and DAVID NAOR. Restoration of immune competence in tolerant mice by parabiosis to normal mice
- 1427 ULRICH MELCHER, ELLEN S. VITETTA, MICHAEL McWILLIAMS, MICHAEL E. LAMM, JULIA M. PHILLIPS-QUAGLIATA, and JONATHAN W. UHR. Cell surface immunoglobulin. X. Identification of an IgD-like molecule on the surface of murine splenocytes
- 1432 PAUL D. GOTTLIEB. Genetic correlation of a mouse light-chain variable region marker with a thymocyte surface antigen
-