

CONTENTS THE JOURNAL OF EXPERIMENTAL MEDICINE

Volume 156 No. 1 July 1, 1982

- 1 WOLFGANG E. F. KLINKERT, JON H. LABADIE, and WILLIAM E. BOWERS. Accessory and stimulating properties of dendritic cells and macrophages isolated from various rat tissues
- 20 ELIZABETH H. NARDIN, VICTOR NUSSENZWEIG, RUTH S. NUSSENZWEIG, WILLIAM E. COLLINS, K. TRANAKCHIT HARINASUTA, PRAMUAN TAPCHAI SRI, AND YAOVAMARN CHOMCHARN. Circumsporozoite proteins of human malaria parasites *Plasmodium falciparum* and *Plasmodium vivax*
- 31 D. S. LINTHICUM and J. A. FRELINGER. Acute autoimmune encephalomyelitis in mice. II. Susceptibility is controlled by the combination of H-2 and histamine sensitization genes
- 41 MARTIN KRÖNKE, PETER SCHEURICH, KLAUS PFIZENMAIER, MARTIN RÖLLINGHOFF, and HERMANN WAGNER. T-T cell interactions during in vitro cytotoxic T lymphocyte responses. V. Precursor frequencies and specificity of alloreactive helper T cells
- 55 PAUL A. GATENBY, BRIAN L. KOTZIN, GEOFFREY S. KANSAS, and EDGAR G. ENGLEMAN. Immunoglobulin secretion in the human autologous mixed leukocyte reaction. Definition of a suppressor-amplifier circuit using monoclonal antibodies
- 68 DENNIS E. CHENOWETH, MICHAEL G. GOODMAN, and WILLIAM O. WEIGLE. Demonstration of a specific receptor for human C5a anaphylatoxin on murine macrophages.
- 79 CHARLES J. PFAU, JEANINE K. VALENTI, DANIEL C. PEVEAR, and KATHRINE D. HUNT. Lymphocytic choriomeningitis virus killer T cells are lethal only in weakly disseminated murine infections
- 90 ALAIN J. DESSEIN, MATHEW A. VADAS, NICOS A. NICOLA, DONALD METCALF, and JOHN R. DAVID. Enhancement of human blood eosinophil cytotoxicity by semi-purified eosinophil colony-stimulating factor(s)
- 104 JUDITH P. JOHNSON, TOMMASO MEO, GERT RIETHMÜLLER, DOLORES J. SCHENDEL, and RUDOLF WANK. Direct demonstration of an HLA-DR allotypic determinant on the low molecular weight (beta) subunit using a mouse monoclonal antibody specific for DR3
- 112 EDWARD A. HAVELL, GEORGE L. SPITALNY, and PARSOTTAM J. PATEL. Enhanced production of murine interferon γ by T cells generated in response to bacterial infection
- 128 DALE R. ABRAHAMSON and JOHN P. CAULFIELD. Proteinuria and structural alterations in rat glomerular basement membranes induced by intravenously injected anti-laminin immunoglobulin G
- 146 YOSHIYUKI NIHO, TSUNEFUMI SHIBUYA, and TAK W. MAK. Modulation of erythropoiesis by the helper-independent Friend leukemia virus F-MuLV
- 159 E. BRUCE MITCHELL and PHILIP W. ASKENASE. Suppression of T cell-mediated cutaneous basophil hypersensitivity by serum from guinea pigs immunized with mycobacterial adjuvant
- 173 PHILIP L. COHEN and ROBERT A. EISENBERG. Anti-idiotypic antibodies to the Coombs antibody in NZB F₁ mice
- 181 DANIELE PRIMI, FATHIA MAMI, CHRISTIAN LE GUERN, and PIERRE-ANDRÉ CAZENAVE. Mitogen-reactive B cell subpopulations selectively express different sets of V regions
- 191 NEAL W. ROEHM, PHILIPPA MARRACK, and JOHN W. KAPPLER. Antigen-specific, H-2-restricted helper T cell hybridomas
- 205 P. J. LACHMANN, M. K. PANGBURN, and R. G. OLDROYD. Breakdown of C3 after complement activation. Identification of a new fragment, C3g, using monoclonal antibodies
- 217 LINDA M. PILARSKI and DIMITRIOS VERGIDIS. Cytotoxic T cell response to minor histocompatibility antigens: apparent lack of H-2 restriction in killers stimulated by membrane fragments
- 230 F. C. DE BEER, ANNE K. SOUTAR, MARILYN L. BALTZ, IRIS TRAINER, A. FEINSTEIN, and M. B. PEPYS. Low density lipoprotein and very low density lipoprotein are selectively bound by aggregated C-reactive protein
- 243 MICHAEL W. SHAW, EDDIE W. LAMON, and RICHARD W. COMPANS. Immunologic studies on the influenza A virus nonstructural protein NS₁
- 255 KUNIO OKUDAIRA, JAMES S. GOODWIN, and RALPH C. WILLIAMS, JR. Anti-Ia antibody in the sera of normal subjects after in vivo antigenic stimulation

CONTENTS CONTINUED ON REVERSE OF THIS COVER

- 268 ECKHARD R. PODACK, JÜRGEN TSCHOPP, and HANS J. MÜLLER-EBERHARD. Molecular organization of C9 within the membrane attack complex of complement. Induction of circular C9 polymerization by the C5b-8 assembly

BRIEF DEFINITIVE REPORTS

- 283 NICOLE SUCIU-FOCA, CHRISTINE ROHOWSKY, PATRICK KUNG, and DONALD W. KING. Idiotypic-like determinants on human T lymphocytes alloactivated in mixed lymphocyte culture
- 289 DAVID W. THOMAS, MICHAEL D. HOFFMAN, and GEORGE D. WILNER. T lymphocyte recognition of peptide antigens. Evidence favoring the formation of neoantigenic determinants
- 294 LINDA A. SHERMAN. Genetic linkage of the cytolytic T lymphocyte repertoire and immunoglobulin heavy chain
- 300 W. R. THOMAS, P. MOTTRAM, and J. F. A. P. MILLER. Hapten-specific T cell lines mediating delayed hypersensitivity to contact-sensitizing agents
- 306 GAYLE D. WETZEL, SUSAN L. SWAIN, and RICHARD W. DUTTON. A monoclonal T cell-replacing activity can act directly on B cells to enhance clonal expansion
- 312 TAKESHI WATANABE, YASUYUKI EDA, and JUNICHI OHARA. The restricted nucleocytoplasmic relationship in activation of T and B lymphocytes

COPYEDITING AND PRODUCTION *Diane Levitt and Michael Neubarth*

PREPARATION OF MANUSCRIPT Articles should conform to the style of a current issue of this journal or to the recommendations of the *Council of Biology Editors Style Manual* (4th edition, 1978, American Institute of Biological Sciences, 1401 Wilson Blvd., Arlington, Va. 22209). Note that each reference should contain the title of the pertinent citation. Please supply a brief title for a running head, not exceeding 57 characters and spaces, with no abbreviations. Only original typescript is acceptable for the printer; in addition, submit a fully legible carbon, mimeographed, or Xerox copy. Double space entire manuscript, including references, legends, footnotes, and tables.

PREPARATION OF ILLUSTRATIONS Label all illustrations (photographs, micrographs, charts, or drawings) sequentially with arabic numerals; designate them as figures. Number tables with roman numerals. In the margin of the manuscript, indicate approximately where each figure or table should appear.

PAGE SIZE The text block on each Journal page is $5 \times 7\frac{1}{4}$ inches. Plan illustrations, including their legends, to fit within these dimensions after reduction. Avoid figures that exceed 5 inches in width unless they can fill the entire page, including margins. The maximum area for such full-page figures, including their legends, is $5\frac{1}{2} \times 8$.

LINE DRAWINGS Provide original ink drawing (preferably $8\frac{1}{2} \times 11$ inches maximum). These give the sharpest reproductions. The lettering should be sans serif, and of consistent size, and so planned that the size of the lettering is in scale with the size and complexity of the figures. Lettering and labeling should be large enough to permit reduction to a minimum size. Capital letters and numbers should be $1\frac{1}{2}$ to $1\frac{3}{4}$ mm high after reduction.

MICROGRAPHS Micrographs should be planned so that they can be reproduced same size (not reduced). Figure numbers and lettering should be $2\frac{1}{2}$ to 3 mm high in sans serif style. If authors are unable to provide figures labeled satisfactorily, the Press will label them; in this case, the author must provide an overlay or diagram to show exactly where such labeling should appear.

In general, limit the field of a micrograph to the regions and structures discussed in the report; eliminate irrelevant structures or expanses. Cropping unnecessary areas from micrographs saves space and expense. If a micrograph must be specifically oriented, mark "top" on the back of the print.

Micrographs that are grouped should be of uniform size and shape, with the edges of the prints touching. The engraver will tool thin white lines between figures. Plan the over-all size of the grouping so the legend will fit below the composite; if the grouping occupies a full page, the legend will appear at the foot of the facing page. The Journals Office prefers that multiple photographs be submitted unmounted with a diagram showing the desired layout.