

INFECTION AND IMMUNITY

Volume 34

Contents for October 1981

Number 1

Microbial Infections

- Interactions Between *Histoplasma capsulatum* and Macrophages from Normal and Treated Mice: Comparison of the Mycelial and Yeast Phases in Alveolar and Peritoneal Macrophages. CECILIA L. KIMBERLIN,* AL R. HARIRI, HUGO O. HEMPEL, AND NORMAN L. GOODMAN 6-10
- Attachment Defect in Mouse Fibroblasts (L Cells) Persistently Infected with *Chlamydia psittaci*. JAMES W. MOULDER,* NANCY J. LEVY, STEVEN L. ZEICHNER, AND CYNTHIA K. LEE 285-291

Viral Infections and Immunity

- Congenital Infection of Mice with Japanese Encephalitis Virus. ASHA MATHUR,* K. L. ARORA, AND U. C. CHATURVEDI 26-29
- In Vivo Reactivation of Herpes Simplex Virus in Rabbit Trigeminal Ganglia: Electrode Model. MARY T. GREEN,* JOHN P. ROSEBOROUGH, AND EDMUND C. DUNKEL 69-74
- Evidence that the Spontaneous Blastogenesis of Lymphocytes from Bovine Leukemia Virus-Infected Cattle Is Viral Antigen Specific. RICHARD M. THORN,* PHALGUNI GUPTA, SIMON J. KENYON, AND JORGE F. FERRER 84-89
- Mitogen- and Viral Antigen-Induced Transformation of Lymphocytes from Normal Mink and from Mink with Progressive or Nonprogressive Aleutian Disease. SOO HWAN AN AND BRUCE N. WILKIE* 111-114
- Stimulation of Human Gamma Interferon Production by Diterpene Esters. Y. K. YIP,* ROY H. L. PANG, JOEL D. OPPENHEIM, MARTIN S. NACHBAR, DOROTHY HENRIKSEN, IRENE ZEREBECKYJ-ECKHARDT, AND JAN VILČEK 131-139
- Mitogenicity of Influenza Hemagglutinin Glycoproteins and Influenza Viruses Bearing H2-Hemagglutinin. ROBERT B. ARMSTRONG,* GREGORY M. BUTCHKO, SUSAN C. KILEY, MICHAEL A. PHELAN, AND FRANCIS A. ENNIS 140-143
- Specific Lymphocyte Blastogenic Responses in Children with Cytomegalovirus and Herpes Simplex Virus Infections Acquired Early in Infancy. ROBERT F. PASS,* MEYER E. DWORSKY, RICHARD J. WHITLEY, ANNA M. AUGUST, SERGIO STAGNO, AND CHARLES A. ALFORD, JR. 166-170
- Use of Monoclonal Antibody Directed Against Herpes Simplex Virus Glycoproteins to Protect Mice Against Acute Virus-Induced Neurological Disease. RICHARD D. DIX,* LENORE PEREIRA, AND J. RICHARD BARINGER 192-199
- Idiotypes and Biological Activity of Murine Monoclonal Antibodies Against the Hemagglutinin of Measles Virus. JAN GHEUENS,* DALE E. MCFARLIN, KOTIL W. RAMMOHAN, AND WILLIAM J. BELLINI 200-207
- Parainfluenza 3 Virus: Plaque-Type Variants Lacking Neuraminidase Activity. HIROSHI SHIBUTA,* TADAHITO KANDA, ATSUKO HAZAMA, AKIO ADACHI, AND MINORU MATUMOTO 262-267
- Studies of Immune Responses During Recovery From Sindbis Virus Encephalitis in Selectively Reconstituted, Thymectomized, Letally Irradiated Mice. MAHIN M. PARK, DIANE E. GRIFFIN,* AND RICHARD T. JOHNSON 306-309

Continued on following page

Oral Microbiology and Immunity

Polyclonal B-Cell Activation Induced by Extracts of Gram-Negative Bacteria Isolated from Periodontally Diseased Sites. PETER H. BICK,* A. BETTS CARPENTER, LILLIAN V. HOLDEMAN, GLENN A. MILLER, RICHARD R. RANNEY, KENT G. PALCANIS, AND JOHN G. TEW	43-49
Inhibition of Dental Plaque Acid Production by the Salivary Lactoperoxidase Antimicrobial System. JORMA TENOVUO, BRITTA MÅNSSON-RAHEMTULLA, KENNETH M. PRUITT,* AND ROLAND ARNOLD	208-214

Pathogenic Mechanisms

Genetic Studies of the Murine Corneal Response to <i>Pseudomonas aeruginosa</i> . RICHARD S. BERK,* KIRK BEISEL, AND LINDA D. HAZLETT	1-5
Stimulation of <i>Clostridium perfringens</i> Enterotoxin Formation by Caffeine and Theobromine. RONALD G. LABBE* AND LINDA L. NOLAN	50-54
Effect of Immunization on the Genesis of Pneumococcal Endocarditis in Rabbits. STUART W. ADLER II, DANIEL S. SELINGER, AND WILLIAM P. REED*	55-61
Degradation of Gonococcal Outer Membrane Proteins by Human Neutrophil Lysosomal Proteases. RICHARD F. REST* AND ELIZABETH PRETZER	62-68
<i>Shigella sonnei</i> Plasmids: Evidence that a Large Plasmid Is Necessary for Virulence. PHILIPPE J. SANSONETTI,* DENNIS J. KOPECKO, AND SAMUEL B. FORMAL	75-83
Production of Cholera-Like Enterotoxin by a <i>Vibrio cholerae</i> Non-O1 Strain Isolated from the Environment. JOHN P. CRAIG,* KOICHIRO YAMAMOTO, YOSHIFUMI TAKEDA, AND TOSHIO MIWATANI	90-97
Effect of pH on the Production of the Kanagawa Hemolysin by <i>Vibrio parahaemolyticus</i> . JOHN W. CHERWONOGRODZKY* AND A. GAVIN CLARK	115-119
Enhancement of <i>Neisseria meningitidis</i> Infection in Mice by Addition of Iron Bound to Transferrin. BRUCE E. HOLBEIN	120-125
Production of Exoenzyme S by Clinical Isolates of <i>Pseudomonas aeruginosa</i> . PAMELA A. SOKOL, BARBARA H. IGLEWSKI,* THOMAS A. HAGER, JERALD C. SADOFF, ALAN S. CROSS, ALBERT McMANUS, BRUCE F. FARBER, AND WALLACE J. IGLEWSKI	147-153
Modulation of Bacterial Association to HeLa Cell Cultures by Cell Density and by Chlamydial Infection. SUBIR K. BOSE* AND ROBERT L. MUDD	154-159
Effects of Pneumolysin on Human Polymorphonuclear Leukocytes and Platelets. MARY K. JOHNSON,* DEBORAH BOESE-MARRAZZO, AND WILLIAM A. PIERCE, JR.	171-176
Rabbit Macrophages Secrete Two Biochemically and Immunologically Distinct Endogenous Pyrogens. PATRICK A. MURPHY,* THOMAS A. CEBULA, JACK LEVIN, AND BRADFORD E. WINDLE	177-183
Heterogeneity of Rabbit Endogenous Pyrogens Is Not Attributable to Glycosylated Variants of a Single Polypeptide Chain. PATRICK A. MURPHY,* THOMAS A. CEBULA, AND BRADFORD E. WINDLE	184-191

Continued from preceding page

Role of Chemotaxis in the Association of Motile Bacteria with Intestinal Mucosa: Chemotactic Responses of <i>Vibrio cholerae</i> and Description of Motile Nonchemotactic Mutants. ROLF FRETER* AND PATRICIA C. M. O'BRIEN	215-221
Role of Chemotaxis in the Association of Motile Bacteria with Intestinal Mucosa: Fitness and Virulence of Nonchemotactic <i>Vibrio cholerae</i> Mutants in Infant Mice. ROLF FRETER* AND PATRICIA C. M. O'BRIEN	222-233
Role of Chemotaxis in the Association of Motile Bacteria with Intestinal Mucosa: In Vivo Studies. ROLF FRETER,* PATRICIA C. M. O'BRIEN, AND MARIAN S. MACSAI	234-240
Role of Chemotaxis in the Association of Motile Bacteria with Intestinal Mucosa: In Vitro Studies. ROLF FRETER,* BEN ALLWEISS, PATRICIA C. M. O'BRIEN, SHARON A. HALSTEAD, AND MARIAN S. MACSAI	241-249
Experimental <i>Campylobacter</i> Diarrhea in Chickens. GUILLERMO M. RUIZ-PALACIOS,* EVERARDO ESCAMILLA, AND NORMA TORRES	250-255
Modified Method for Studying Bacterial Adhesion to Isolated Uroepithelial Cells and Uromucoid. SUSAN CHICK, MICHAEL J. HARBER,* RUTH MACKENZIE, AND A. W. ASSCHER	256-261
Cytadsorption of <i>Mycoplasma pulmonis</i> to Rat Ependyma. DENNIS F. KOHN* AND NARUMOL CHINOOKOSWONG	292-295
Experimental Cholera in Germfree Suckling Mice. TADAKATSU SHIMAMURA,* SEIKI TAZUME, KAZUO HASHIMOTO, AND SHOGO SASAKI	296-298
In Vitro Production of an Extracellular Protease by <i>Legionella pneumophila</i> . MICHAEL R. THOMPSON,* RICHARD D. MILLER, AND BARBARA H. IGLEWSKI	299-302
Intracellular Replication of <i>Leishmania tropica</i> in Mouse Peritoneal Macrophages: Comparison of Amastigote Replication in Adherent and Nonadherent Macrophages. CAROL A. NACY* AND CARTER L. DIGGS	310-313
Immunology	
Functional and Metabolic Properties of Alveolar Macrophages in Response to the Gas Phase of Tobacco Smoke. DAVID B. DRATH,* JEANNETTE M. SHOREY, AND GARY L. HUBER	11-15
Interactions of Killed <i>Listeria monocytogenes</i> with the Mouse Complement System. KOK P. M. VAN KESSEL, AD C. J. M. ANTONISSEN, HANS VAN DIJK,* PIETERNEL M. RADEMAKER, AND JAN M. N. WILLERS	16-19
Serum Antibody and Opsonic Responses After Immunization with Pneumococcal Vaccine in Kidney Transplant Recipients and Controls. ROBERT BORTOLUSSI,* THOMAS J. MARRIE, JOANN CUNNINGHAM, AND GERALD SCHIFFMAN	20-25
Nonspecific Suppression of Primary Antibody Responses and Presence of Plastic-Adherent Suppressor Cells in <i>Toxoplasma gondii</i> -Infected Mice. YASUHIRO SUZUKI,* NAOHIRO WATANABE, AND AKIO KOBAYASHI	30-35
Nonspecific Suppression of Initiation of Memory Cells in <i>Toxoplasma gondii</i> -Infected Mice. YASUHIRO SUZUKI,* NAOHIRO WATANABE, AND AKIO KOBAYASHI	36-42
Cellular Immune Response During Uncomplicated Genital Infection with <i>Chlamydia trachomatis</i> in Humans. ROBERT C. BRUNHAM, DAVID H. MARTIN, CHO-CHOU KUO, SAN-PIN WANG, CLAIRE E. STEVENS, TODD HUBBARD, AND KING K. HOLMES*	98-104

Continued on following page

Continued from preceding page

Sequential Determination of Circulating Immune Complexes in Experimental Filariasis. LINDA M. KARAVODIN AND LAWRENCE R. ASH*	105-110
Immunoprotective Activity of Capsular Polysaccharide in <i>Klebsiella pneumoniae</i> Ribosomal Preparations Does Not Involve Ribonucleic Acid. MARIE-MADELEINE RIOTTOT AND JEAN-MICHEL FOURNIER*	126-130
Group C <i>Neisseria meningitidis</i> Variant Polysaccharide Vaccines in Children. MARK C. STEINHOFF, EDWARD B. LEWIN,* E. C. GOTSCHLICH, JOHN B. ROBBINS, AND PANORAMA PEDIATRIC GROUP	144-146
Mechanisms in the In Vivo Release of Lymphokines: Relationship of High and Low Responsiveness to Other Parameters of the Immune Response. RUTH NETA AND S. B. SALVIN*	160-165
Activation of the Alternative Complement Pathway by <i>Trichomonas vaginalis</i> . FRANCES D. GILLIN* AND ALAN ŠHER	268-273
Dissociation of Bactericidal Activity from Other Functions of Activated Macrophages in Exudates Induced by Thioglycolate Medium. GEORGE L. SPITALNY	274-284
Activation of the Alternative Complement Pathway by Blood Culture Isolates of <i>Bacteroides fragilis</i> . KEITH A. JOINER,* ALEXANDRA HAWIGER, AND JEFFREY A. GELFAND	303-305

Erratum

Immunization Against Bacteria- and Endotoxin-Induced Hypotension. ALEX M. ABDELNOOR, ARTHUR G. JOHNSON, ANABEL ANDERSON-IMBERT, AND ALOIS NOWOTNY	314
---	-----

* Asterisk refers to person to whom inquiries regarding the paper should be addressed.