

# APPLIED MICROBIOLOGY

Volume 24

Contents for November

Number 5

## Clinical Microbiology and Immunology

- Determination of Antibody to Pneumococcal Polysaccharides with Chromic Chloride-Treated Human Red Blood Cells and Indirect Hemagglutination. ARTHUR J. AMMANN AND ROBERT J. PELGER. . . . . 679
- Effect of Sodium Polyanetholesulfonate on Antimicrobial Systems in Blood. M. E. BELDING AND S. J. KLEBANOFF. . . . . 691
- Detection of Coronavirus 229E Antibody by Indirect Hemagglutination. HAROLD S. KAYE, SUAT BEE ONG, AND WALTER R. DOWDLE. . . . . 703
- Pseudomonas putrefaciens* Isolates from Clinical Specimens. P. S. RILEY, H. W. TATUM, AND R. E. WEAVER. . . . . 798
- Device for Eliminating Oil Condensation in the Air Flowmeter in CO<sub>2</sub> Incubator. Y. T. CHANG. . . . . 840
- Isolation of a New Soluble Antigen from the Yeast Phase of *Histoplasma capsulatum*. MICHAEL W. REEVES, LEO PINE, LEO KAUFMAN, AND DAVID McLAUGHLIN. . . . . 841
- Vitamin A Adjuvant with *Arizona hinshawii* Bacterin. H. E. ADLER AND A. J. DAMASSA. . . . . 849

## Virology and Viral Immunology

- Validity of Spinal Cord Examination as a Substitute Procedure for Routine Rabies Diagnosis. TSUN K. LEE AND MAURICE E. BECKER. . . . . 714
- Cultural Characteristics of a Cell Line Derived from an Equine Sarcoid. R. E. WATSON, JR., J. J. ENGLAND, AND K. A. LARSON. . . . . 727
- Interferon Production by Human Cells In Vitro. CELSA A. SPINA, R. SHIHMAN CHANG, L. MISHRA, AND H. DEAN GOLDEN. . . . . 735
- Simplified Radioimmunoassay for Diagnostic Serology. HARRIET D. HUTCHINSON AND DONALD W. ZIEGLER. . . . . 742
- Use of a Clonal Line of Porcine Kidney Cell Cultures for Primary Isolation and Vaccine Studies with Adenoviruses. WILLIAM J. MOGABGAB AND BEATRICE POLLOCK. . . . . 760
- Measurement of Respiratory Volume for Virus Retention Studies in Mice. GLEN A. FAIRCHILD. . . . . 812
- Enhancement of Murine Leukemia Virus Replication in Rat Tumor Cells Containing Rat C-Type Virus. W. TURNER, G. PEARSON, AND LESLIE R. BASS. . . . . 837

## Food Microbiology and Toxicology

- Identification of T-2 Toxin in Moldy Corn Associated with a Lethal Toxicosis in Dairy Cattle. IH-CHANG HSU, E. B. SMALLEY, F. M. STRONG, AND WILLIAM E. RIBELIN. 684
- Isolation and Identification of Psychrophilic Species of *Clostridium* from Milk. C. H. BHADSAVLE, T. E. SHEHATA, AND E. B. COLLINS. . . . . 699
- Efficacy of a Fluorescent-Antibody Procedure for Identifying *Bacillus cereus* in Foods. H. U. KIM AND J. M. GOEPFERT. . . . . 708
- Chemically Defined Medium for Growth and Sporulation of *Clostridium perfringens*. MICHAEL N. TING AND DANIEL Y. C. FUNG. . . . . 755
- Quantitation of *Clostridium perfringens* Type A Enterotoxin by Electroimmunodiffusion. CHARLES L. DUNCAN AND EILEEN B. SOMERS. . . . . 801
- Sporulation of *Clostridium perfringens* Type A in Vacuum-Sealed Meats. F. M. DEWORK, JR. . . . . 834
- Evaluation of Plastic Multi-Well Plates for Serological Screening of *Salmonella* Cultures with Spicer-Edwards Pooled Antisera. GEORGE K. MORRIS, CAROLYN D. STEELE, AND JOY G. WELLS. . . . . 846

Continued on next page

Continued from preceding page

### Ecology and Taxonomy

Polysaccharide Produced by <i>Anacystis nidulans</i> : Its Ecological Implication. VIJAY K. SANGAR AND PATRICK R. DUGAN.....	732
Effect of Physiological Age and State on Survival of Desiccated <i>Pseudomonas aeruginosa</i> . PETER SKALIY AND R. G. EAGON.....	763
An Unclassified Gram-Negative Rod Isolated from the Pharynx on Thayer-Martin Medium (Selective Agar). DANNIE G. HOLLIS, GERALDINE L. WIGGINS, AND ROBERT E. WEAVER.....	772
Automatic Surface Inoculation of Agar Trays. JUDD R. WILKINS, STACEY M. MILLS, AND ELIZABETH H. BOYKIN.....	778
Survival of Coliform Bacteria in Natural Waters: Field and Laboratory Studies with Membrane-Filter Chambers. GORDON A. MCFETERS AND DAVID G. STUART.....	805
Adsorption of Colloidal Iron by Bacteria. I. C. MACRAE AND J. F. EDWARDS.....	819
Reliable Procedure for Silica Gel Preparation. E. B. ROSLYCKY.....	844

### Metabolism and Products

Inhibitory Effect of Glycerin on <i>Vibrio parahaemolyticus</i> and <i>Salmonella</i> . DOKI CHUN, SUNG YONG SEOL, RYUNBIN TAK, AND CHEONG KYU PARK.....	675
Properties of Thymineless Strains of <i>Bacillus megaterium</i> . W. F. MAISCH AND J. T. WACHSMAN.....	717
Identification of the Predominant Volatile Compounds Produced by <i>Aspergillus flavus</i> . E. KAMIŃSKI, L. M. LIBBEY, S. STAWICKI, AND E. WASOWICZ.....	721
Degradation of Chlorbromuron and Related Compounds by the Fungus <i>Rhizoctonia solani</i> . MARTIN WEINBERGER AND JEAN-MARC BOLLAG.....	750
Chromogenesis mirabilis in <i>Streptomyces griseus</i> . TADASHI ARAI AND YUZURU MIKAMI. 768	
Cinemicrographic Study of the Development of Subsurface Colonies of <i>Staphylococcus aureus</i> in Soft Agar. JUDD R. WILKINS, WAYNE L. DARNELL, AND ELIZABETH H. BOYKIN.....	786
Production of Diagnostic Pigment by Phenoloxidase of <i>Cryptococcus neoformans</i> . C. E. SHAW AND L. KAPICA.....	824
pH-Dependent Polyol Production in <i>Moniliella tomentosa</i> . L. HANSSSENS, A. VAN REGENMORTEL, AND H. VERACHTERT.....	831