EDITOR

Jagdev M. Sharma College of Veterinary Medicine University of Minnesota St. Paul, Minnesota 55108

BUSINESS MANAGER

Charles L. Hofacre University of Georgia 953 College Station Road Athens, Georgia 30602-4875

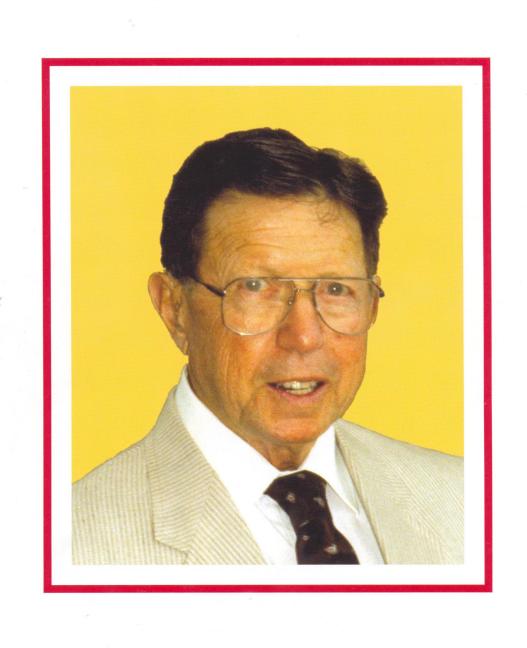
EDITORIAL BOARD

A. Banda A. J. Bermudez C. J. Cardona H. D. Chapman R. P. Chin S. Davison A. M. Fadly S. D. Fitzgerald O. J. Fletcher R. K. Gast J. S. Guy M. Hess F. J. Hoerr D. J. Jackwood M. W. Jackwood D. R. Kapczynski S. H. Kleven M. Lee H. S. Lillehoj B. Lupiani J. Maurer L. R. McDougald T. Morishita L. Nolan M. Pantin-Jackwood M. S. Parcells S. Rautenschlein S. Reddy D. L. Reynolds Y. M. Saif K. A. Schat B. Seal H. L. Shivaprasad R. F. Silva R. Singer E. Spackman D. L. Suarez D. E. Swayne P. S. Wakenell P. Wigley P. R. Woolcock C.C.Wu Q. Zhang

Avian Diseases

An international journal dedicated to avian health

Published Quarterly by the American Association of Avian Pathologists



Vol. 52 No. 3

September 2008

Pages 367-548

Copyright 2008 by the American Association of Avian Pathologists, Inc.

4vian Diseases September 2008 Vol. 52, No. 3

Table of Contents

Invited Review—	
Control of Avian Mycoplasma Infections in Commercial Poultry. S. H. KLEVEN	367
Regular Articles—	
Persistence of Exotic Newcastle Disease Virus (ENDV) in Laboratory Infected <i>Musca domestica</i> and <i>Fannia canicularis</i> . SEEMANTI CHAKRABARTI, DANIEL J. KING, CAROL J. CARDONA, AND ALEC C. GERRY	375
Experimental Infection of Domestic Pigeons with Pigeon Circovirus. Volker Schmidt, Julian Schlömer, Caroline Lüken, Reimar Johne, Barbara Biere, Hermann Müller, and Maria-Elisabeth Krautwald-Junghanns	380
Turkey Origin Reovirus-Induced Immune Dysfunction in Specific Pathogen Free and Commercial Turkey Poults. J. MICHAEL DAY, ERICA SPACKMAN, AND MARY J. PANTIN-JACKWOOD	387
Antimicrobial Susceptibilities, Serogroups, and Molecular Characterization of Avian Pathogenic <i>Escherichia coli</i> Isolates in Japan. MANAO OZAWA, KAZUKI HARADA, AKEMI KOJIMA, TETSUO ASAI, AND TOSHIYA SAMESHIMA	392
Protection of Neonatal Broiler Chicks Against <i>Salmonella</i> Typhimurium Septicemia by DNA Containing CpG Motifs. Azita Taghavi, Brenda Allan, George Mutwiri, Andrew Van Kessel, Philip Willson, Lorne Babiuk, Andrew Potter, and Susantha Gomis	398
The Role of Penicillin G Potassium in Managing <i>Clostridium perfringens</i> in Broiler Chickens. P. GADBOIS, J. J. BRENNAN, H. L. BRUCE, J. B. WILSON, AND J. J. ARAMINI	407
Development of an Endogenous Virus–Free Line of Chickens Susceptible to All Subgroups of Avian Leukosis Virus. HUANMIN ZHANG, LARRY D. BACON, AND ALY M. FADLY	412
Iron Acquisition by Ornithobacterium rhinotracheale. Louisa B. Tabatabai, Emilie S. Zehr, Mandy K. Zimmerli, and Kakambi V. Nagaraja	419
Coxiella-Like Infection in Psittacines and a Toucan. H. L. SHIVAPRASAD, M. B. CADENAS, S. S. DIAB, R. NORDHAUSEN, D. BRADWAY, R. CRESPO, AND E. B. BREITSCHWERDT	426
Survey of Endogenous Virus and <i>TVB</i> * Receptor Status of Commercial Chicken Stocks Supplying Specific-Pathogen- Free Eggs. HENRY HUNT, ALY FADLY, ROBERT SILVA, AND HUANMIN ZHANG	433
Time-Dependent Recovery of <i>Mycoplasma lipofaciens</i> (Strain ML64) from Incubated Infertile Chicken Eggs and Dead in Shell Chicken Embryos. MICHAEL LIERZ AND HAFEZ M. HAFEZ	441

About the cover

Arnold S. "Rosy" Rosenwald, 1909–2008

Born in Albuquerque, Rosy became one of the most well-known and highly respected veterinarians in the poultry medicine field. He served as an extension poultry veterinarian at the University of California Davis from 1946 to his retirement in 1977. He continued to be professionally active and productive in his 31 years of retirement. He helped found the Western Poultry Disease Conference and the American Association of Avian Pathologists and served both organizations in many capacities. He devoted his life in full measure to avian medicine and was an inspiration to many. He served as editor of *Avian Diseases* from 1961–1965.