

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

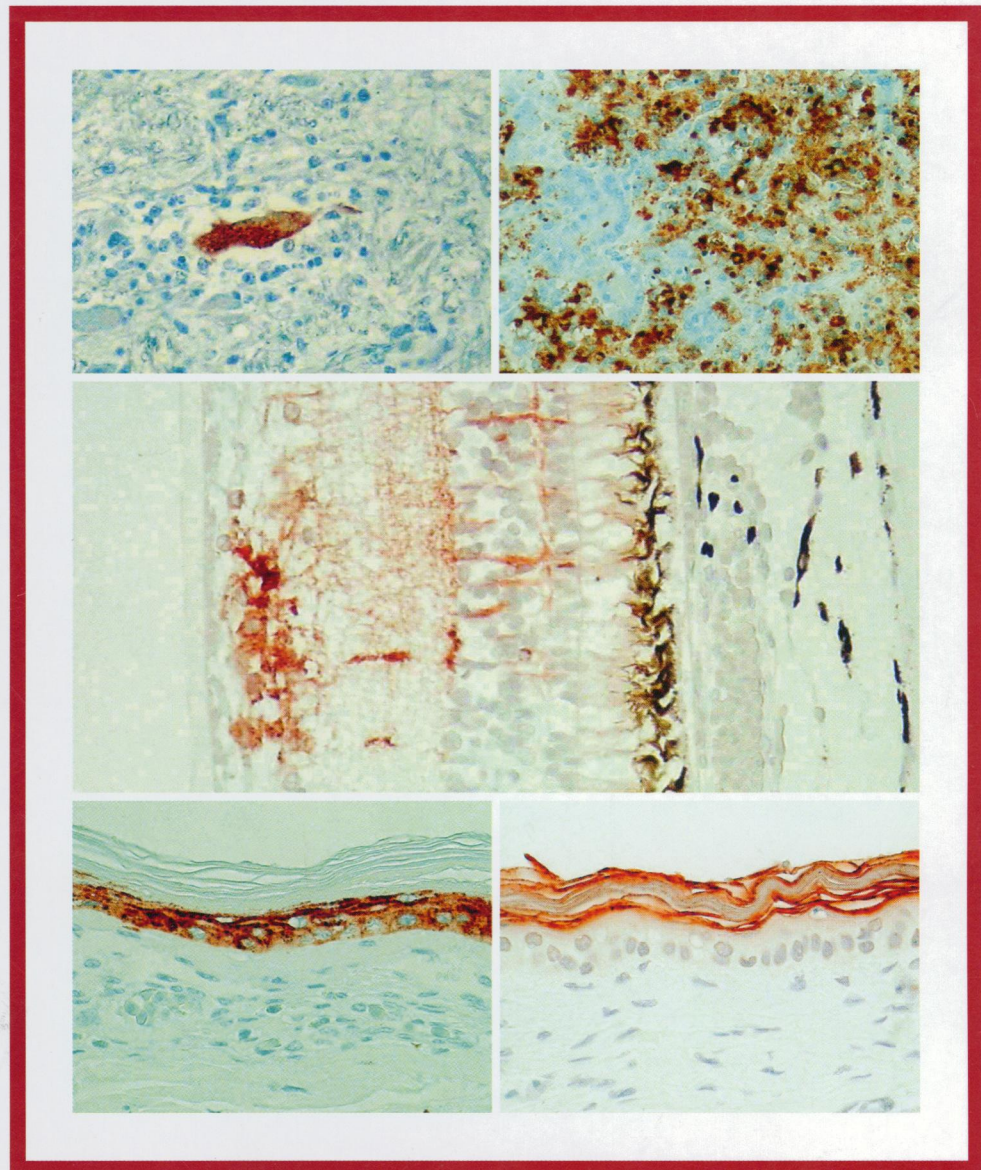
EDITORIAL BOARD

A. J. Bermudez
T. P. Brown
C. J. Cardona
H. D. Chapman
R. P. Chin
S. Davison
A. M. Fadly
O. J. Fletcher
R. K. Gast
J. S. Guy
F. J. Hoerr
D. J. Jackwood
M. W. Jackwood
D. R. Kapczynski
C. L. Keeler
D. J. King
S. H. Kleven
M. Lee
H. S. Lillehoj
J. Maurer
L. R. McDougald
R. D. Montgomery
T. Morishita
M. K. Njenga
L. Nolan
M. S. Parcells
S. Rautenschlein
S. Reddy
D. L. Reynolds
Y. M. Saif
K. A. Schat
J. Schrader
B. Seal
D. Senne
H. L. Shivaprasad
R. F. Silva
R. Singer
D. L. Suarez
D. E. Swayne
J.-P. Vaillancourt
P. Villegas
P. S. Wakenell
E. Wallner-Pendleton
P. R. Woolcock
C. C. Wu

Avian Diseases

An international journal dedicated to avian health

Published Quarterly by
The American Association of Avian Pathologists



Vol. 49 No. 2

June 2005

Pages 177-316

Avian Diseases

Vol. 49, No. 2

June 2005

Table of Contents

Regular Articles—

Development of a One-Step Strip Test for the Diagnosis of Chicken Infectious Bursal Disease. GAI-PING ZHANG, QING-MEI LI, YAN-YAN YANG, JUN-QING GUO, XUE-WU LI, RUI-GUANG DENG, ZHI-JUN XIAO, GUANG-XU XING, JI-FEI YANG, DONG ZHAO, SHU-JUN CAI, AND WEI-MIN ZANG	177
Development of Antigen-Capture Enzyme-Linked Immunosorbent Assay and RT-PCR for Detection of Turkey Astroviruses. Y. TANG, M. M. ISMAIL, AND Y. M. SAIF	182
Longitudinal Monitoring of Two Commercial Layer Flocks and Their Environments for <i>Salmonella enterica</i> Serovar Enteritidis and Other Salmonellae. HAILU KINDE, DAVID M. CASTELLAN, DAVID KERR, JAMES CAMPBELL, RICHARD BREITMEYER, AND ALEX ARDANS	189
The Isolation of Exotic Newcastle Disease (END) Virus from Nonpoultry Avian Species Associated with the Epidemic of END in Chickens in Southern California: 2002–2003. H. KINDE, P. J. HULLINGER, B. CHARLTON, M. MCFARLAND, S. K. HIETALA, V. VELEZ, J. T. CASE, L. GARBER, S. H. WAINWRIGHT, A. B. MIKOLON, R. E. BREITMEYER, AND A. A. ARDANS	195
A Marek's Disease Virus vIL-8 Deletion Mutant Has Attenuated Virulence and Confers Protection Against Challenge with a Very Virulent Plus Strain. XIAOPING CUI, LUCY F. LEE, HENRY D. HUNT, WILLIE M. REED, BLANCA LUPIANI, AND SANJAY M. REDDY	199
Isolation and Characterization of H3N2 Influenza A Virus from Turkeys. Y. TANG, C. W. LEE, Y. ZHANG, D. A. SENNE, R. DEARTH, B. BYRUM, D. R. PEREZ, D. L. SUAREZ, AND Y. M. SAIF	207
Response of White Leghorn Chickens of Various <i>B</i> Haplotypes to Infection at Hatch with Subgroup J Avian Leukosis Virus. JODY K. MAYS, LARRY D. BACON, ARUN R. PANDIRI, AND ALY M. FADLY	214
Molecular Epidemiology of Infectious Bursal Disease Viruses: Distribution and Genetic Analysis of Newly Emerging Viruses in the United States. D. J. JACKWOOD AND S. E. SOMMER-WAGNER	220
Reverse Transcriptase-Polymerase Chain Reaction to Detect Avian Encephalomyelitis Virus. ZHIQIN XIE, MAZHAR I. KHAN, THEODORE GIRSHICK, AND ZHIXUN XIE	227

A Note from the Editor

Avian Diseases has a new look. This is the first major face-lift in the journal's forty-seven-year history. Dr. P. P. Levine was featured on the March issue cover. On the cover of this issue, we feature a color plate from an article by A. Wünschmann *et al.* that appears on pages 252–259. The illustration shows positive staining for West Nile virus in tissues of a great horned owl and a goshawk: spinal cord (upper left panel), pancreas (upper right), retina (middle), and skin (lower left and right). In subsequent issues, the cover will feature national and international scientists who have made outstanding lifetime contributions to avian medicine, an illustration from a highlighted manuscript in the issue, or selected original artwork submitted by readers.

Jagdev Sharma