

Avian Diseases

An international journal dedicated to avian health

Published Quarterly by
the American Association of Avian Pathologists

EDITOR

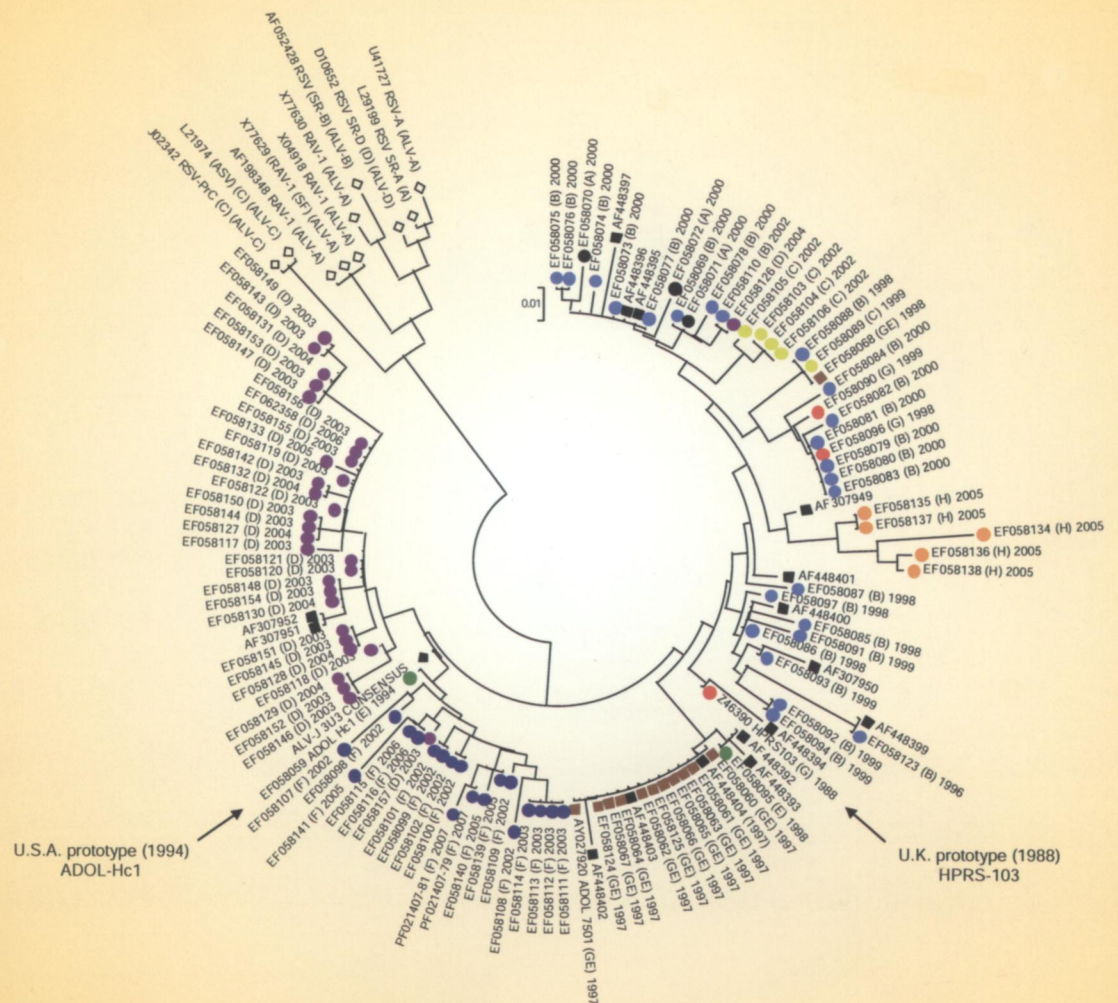
Jagdev M. Sharma
College of Veterinary Medicine
University of Minnesota
St. Paul, Minnesota 55108

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
D. J. King
S. H. Kleven
M. Lee
H. S. Lillehoj
J. Maurer
L. R. McDougald
T. Morishita
L. Nolan
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



Vol. 51 No. 4

December 2007

Pages 807-1016

Avian Diseases

Vol. 51, No. 4

December 2007

Table of Contents

<i>Obituary</i> —Norman Olaf Olson	807
<i>In Memoriam</i> —Jack T. Tumlin	808
2007 AAAP Awards	810
<i>Invited Review</i> —	
Serotype-Specific and Serotype-Independent Strategies for Preharvest Control of Food-Borne <i>Salmonella</i> in Poultry. RICHARD K. GAST	817
<i>Regular Articles</i> —	
Sialidase Activity in <i>Mycoplasma synoviae</i> . MEGHAN MAY, STANLEY H. KLEVEN, and DANIEL R. BROWN	829
Necrotic Enteritis Potential in a Model System Using <i>Clostridium perfringens</i> Isolated from Field Outbreaks. G. CHALMERS, H. L. BRUCE, D. L. TOOLE, D. A. BARNUM, and P. BOERLIN	834
Characterization of <i>Escherichia coli</i> Isolates from Peritonitis Lesions in Commercial Laying Hens. DARRELL W. TRAMPEL, YVONNE WANNEMUEHLER, and LISA K. NOLAN	840
Characterization of Infectious Bursal Disease Viruses from Four Layer Flocks in the United States. B. SREEDEVI, L. J. LEFEVER, S. E. SOMMER-WAGNER, and D. J. JACKWOOD	845
Characterization of LORF11, a Unique Gene Common to the Three Marek's Disease Virus Serotypes. LUCY F. LEE, ROBERT F. SILVA, XIAOPING CUI, HUANMIN ZHANG, MOHAMMAD HEIDARI, and SANJAY M. REDDY	851
Comparison of Diagnostics Techniques in an Outbreak of Infectious Laryngotracheitis from Meat Chickens. ROCIO CRESCO, PETER R. WOOLCOCK, R. P. CHIN, H. L. SHIVAPRASAD, and MARICARMEN GARCÍA	858
Genetic and Antigenic Characterization of Infectious Bursal Disease Viruses Isolated in Italy During the Period 2002– 2005. ANA MORENO MARTIN, FRANCESCA FALLACARA, ILARIA BARBIERI, GIOVANNI TOSI, GAELLE RIVALLAN, NICOLAS ETERRADOSSI, RAFFAELLA CERUTI, and PAOLO CORDIOLI	863
Molecular Characterization of H5N2 Avian Influenza Viruses Isolated from South African Ostriches in 2006. CELIA ABOLNIK	873
Effect of Coated Plant Extracts on <i>Histomonas meleagridis</i> and Growth of Bacteria <i>In Vitro</i> . RÜDIGER HAUCK and HAFEZ MOHAMED HAFEZ	880
Antimicrobial Susceptibility and Distribution of Antimicrobial-Resistance Genes Among <i>Enterococcus</i> and Coagulase-Negative <i>Staphylococcus</i> Isolates Recovered from Poultry Litter. SHABBIR SIMJEE, PATRICK F. MCDERMOTT, DAVID G. WHITE, CHARLES HOFACRE, ROY D. BERGHAUS, PEGGY J. CARTER, LEIGH STEWART, TONGRUI LIU, MARIE MAIER, and JOHN J. MAURER . .	884

About the cover

This phylogenetic tree is from an article by Dr. Guillermo Zavala and coworkers, which begins on page 942. The authors provide important new information on molecular epidemiology and evolution of avian leukosis virus subgroup J in breeding companies and broiler flocks from the United States, Europe and China. Genetic characteristics of ALV-J isolates recovered during the last twenty years were compared. Further explanation of the cover figure can be found on page 949.