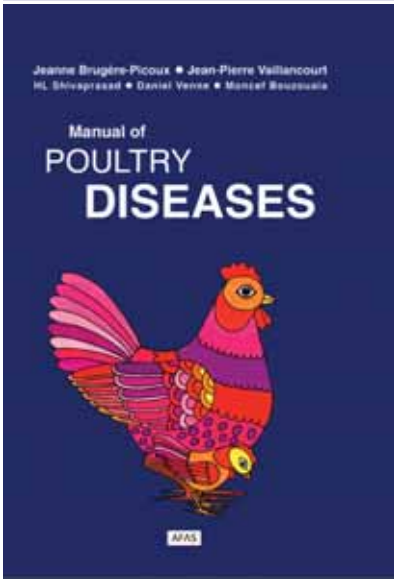


# New, manual of poultry diseases delivered in May 2015

## Manual of poultry diseases

### Manuel de pathologie aviaire, Manual de Patología Aviar, 禽病手册



A completely revised and augmented edition of an avian pathology textbook originally published in 1992 is now available (Edition "Livestock and Backyard Animals Medical Pathology Chair" Maisons-Alfort). The main objective of this new edition is to provide a comprehensive update on practical information related to avian diseases to assist in the diagnosis of diseases affecting all species of domestic poultry (chickens, turkeys, ducks, guinea fowl, quails, pheasants, partridges, pigeons, raptors). This new edition also focuses on the control of these diseases. Indeed, several chapters have been added on biosecurity, water sanitation, antibiotherapy, epidemiology, etc. Since disease diagnosis is largely based on post-mortem and histological examinations, special attention was given to include high quality images as well as illustrations for a total of 2700 figures. This book is simultaneously published in four different language editions (French, English, Chinese and Spanish). In lieu of a tedious bibliographical index, readers can find an elaborate differential diagnosis section in the form of tables referring back to a specific chapter for each disease. This manual is the culmination of a long and fruitful collaboration with authors from around the world and whose diverse areas of expertise have contributed to the uniqueness of this publication.

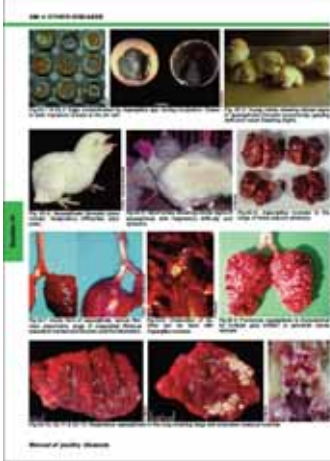
Given that our main goal was to disseminate this manual at the lowest cost, our project was carried out without the help of a professional editor. It is the French Association for the Advancement of Science (AFAS), created by Claude Bernard and recognized as a non-profit organization that is serving as publisher, in order to further limit costs to a bare minimum.

Consequently we can offer this 720 page manual at cost, including a CD that encompasses all four language editions.

*"What a monumental work...and to have it available in multiple languages, and on a CD! Not only diseases, but aspects of disease prevention and control are included. Surely this will reign as the premier book on Poultry Diseases for decades to come"* (HJ Barnes)



### EXAMPLES



# CONTENTS

## SECTION I. GENERALITIES

- 1 Poultry production in the world *JP Vaillancourt*  
 2 Chicken production *MP Martin*  
 3 Chick quality *R Meijerhof*  
 4 Commercial table egg production *E Gingerich*  
 5 Egg quality *R Meijerhof*  
 6 Turkey production *DK Carver*  
 7 Breeding in hot climate *M Bouzouaia*  
 8 Poultry droppings & manure *M Bouzouaia & C Aubert*  
 9 Poultry welfare *K Barger*  
 10 Peculiarities of avian physiology *H Brugère*  
 11 Blood biochemistry in birds *Y Chorfi & D Venne*  
 12 Avian hematology *L Lopez*  
 13 Epidemiologic concepts & analysis of field studies in poultry *JP Vaillancourt*  
 14 Avian immunology *A Silim & H Abbassi*  
 15 Avian anatomy *C De-gueurce, J Brugère-Picoux & E Chatelain (†)*  
 16 Avian necropsy *S Chénier*  
 17 Diagnostic laboratory *R Crespo*

## SECTION II. VIRAL DISEASES

- 18 Avian influenza virus *D Suarez*  
 19 Newcastle disease & other avian paramyxoviruses *G Meulemans, F Rauw & Th Van der berg*  
 20 Avian metapneumovirus *N Eterradossi, D Toquin, JP Picault & V Jestin*  
 21 Infectious bronchitis *E Kaleta & T Redmann*  
 22 Infectious laryngotracheitis *D Davison*  
 23 Avian encephalomyelitis *HL Shivaprasad*  
 24 Aviadenovirus (inclusion body hepatitis) *ME Eregae, JP Vaillancourt & J Brugère-Picoux*  
 25 Siadenovirus (hemorra-

- gic enteritis) *ME Eregae, JP Vaillancourt & J Brugère-Picoux*  
 26 Adenovirus (egg drop syndrome) *ME Eregae, JP Vaillancourt & J Brugère-Picoux*  
 27 Reovirus infections *L Van der Heide (†) & JP Vaillancourt*  
 28 Other viral enteric infections *L Pfliegerer & JP Vaillancourt*  
 29 Astrovirus infections *SL Schultz-Cherry & JP Vaillancourt*  
 30 Chicken infectious anemia *C Cardona & HL Shivaprasad*  
 31 Fowlpox *D Tripathy*  
 32 Infectious bursal disease *DJ Jackwood*  
 33 Marek's disease *A Miles*

- 34 Avian leukosis *G Zavala*  
 35 Reticuloendotheliosis & lymphoproliferative disease *JP Vaillancourt & OJ Fletcher*  
 36 Turkey coronavirus *JS Guy & JP Vaillancourt*  
 37 Arbovirus infections *C Banet-Noach*  
 38 Hepatitis-splenomegaly syndrome *HL Shivaprasad*  
 39 Other viral infections *HL Shivaprasad & J Brugère-Picoux*

## SECTION III. BACTERIAL DISEASES

- 40 Avian chlamydiosis *HL Shivaprasad*  
 41 Avian mycoplasmosis *I Kempf*  
 42 Pullorum disease & fowl typhoid *HL Shivaprasad*  
 43 Paratyphoid salmonella *RL Owen*  
 44 Arizonosis *HL Shivaprasad*  
 45 Colibacillosis *LK Nolan, HJ Barnes, TA Abdul-Aziz, CM Logue & JP Vaillancourt*  
 46 Fowl cholera *JP Christensen & M Bisgaard*  
 47 Infectious coryza & re-

- lated diseases *PJ Blackall & X Chen*  
 48 *Ornithobacterium rhi-notracheale* *HM Hafez*  
 49 *Riemerella anatipestifer* infection *D Tripathy*  
 50 Bordetellosis *D Venne & J Brugère-Picoux*  
 51 Clostridial diseases *JS Smith*  
 52 Laboratory diagnosis of botulism *S Maeder & R Danguy-des-Déserts*  
 53 *Campylobacter* spp. *DK Carver*  
 54 Avian tuberculosis *MT Casaubon Huguenin & J Brugère-Picoux*  
 55 Erysipelas *J Brugère-Picoux*  
 56 Streptococci & enterococci *D Balloy*  
 57 Staphylococcosis *HL Shivaprasad*  
 58 *Brachyspira* spp. (avian intestinal spirochetosis) *B. Robineau*  
 59 Yersiniosis *HL Shivaprasad*  
 60 Pseudomoniasis *HL Shivaprasad*  
 61 Other bacterial diseases *J Brugère-Picoux*

## SECTION IV. OTHER DISEASES

- 62 Fungal diseases *KT Adjou & J Brugère-Picoux*  
 63 Mycotoxicosis *J Le Bars & JD Bailly*  
 64 Coccidiosis *V Guyonnet*  
 65 Cryptosporidiosis *H Abbassi & JM Répérant*  
 66 Histomoniasis *MP Cal-lait-Cardinal & L Zenner*  
 67 Internal parasites *A Villeneuve & J Brugère-Picoux*  
 68 External parasites & poultry pests *A Villeneuve & J Brugère-Picoux*  
 69 Diseases of the muscu-loskeletal systems *MT Casaubon Huguenin & J Brugère-Picoux*  
 70 Cardiovascular diseases *HL Shivaprasad*  
 71 Nutritional diseases *Y Chorfi, J Brugère-Picoux & D Venne*

- 72 Poultry enteritis mortality syndrome *JP Vaillancourt, DK Carver, JS Guy & JH Barnes*  
 73 Hypoglycemia - spiking mortality *JF Davis*  
 74 Environment & pathology *M Bouzouaia, J Brugère-Picoux & D Venne*

## SECTION V. HEALTH MEASURES

- 75 Slaughterhouse condemnations *G Bénard, M. Racicot & Y. Robinson*  
 76 Toxi-infections *S Messier*  
 77 Pharmacological considerations *A Anadón & H Brugère*  
 78 Antimicrobial treatments *S Clark, A Anadón & JP Vaillancourt*  
 79 Toxicology and residues in poultry *A Anadón & MR Martínez Larrañaga*  
 80 Biosecurity & poultry production *M Racicot & JP Vaillancourt*  
 81 Understanding and optimizing water quality for poultry *SE Watkins*  
 82 Vaccination techniques *S Lemièrre & C Fritts*  
 83 Avian zoonoses *J Brugère-Picoux & JP Vaillancourt*

## SECTION VI. OTHER SPECIES

- 84 Duck production *H Morin*  
 85 Duck reovirus *D Fournier & S Lemièrre*  
 86 Duck parvovirus *S Lemièrre & D Fournier*  
 87 Derzsy's disease (short-beak and dwarfism syndrome in mule ducks) *S Lemièrre & D Fournier*  
 88 Hemorrhagic nephritis enteritis of geese *JL Guérin*  
 89 Duck virus enteritis *Nguyen Thi Phuoc Ninh*  
 90 Duck hepatitis *G Yipu*  
 91 Duck & goose circovirus infections *S Lemièrre*  
 92 Tembusu virus infection of ducks *D Zhang*  
 93 Bacterial diseases of

- ducks *JY Jouglar*  
 94 Waterfowl parasitoses *H Banon & L Zenner*  
 95 Guinea fowl production & diseases *J Robertson, B Robineau & N Doublet*  
 96 Diseases of quail *P Dunn*  
 97 Pheasant production & diseases *X Chatenet*  
 98 Diseases of partridge *X Chatenet*  
 99 Diseases of pigeon *D Marlier & H Vindevogel*  
 100 Breeding & diseases of ratites *D Smith*

## SECTION VII. DIFFERENTIAL DIAGNOSIS

- 101 Digestive system *N Alloui, M Bouzouaia & J Brugère-Picoux*  
 102 Liver diseases *J Brugère-Picoux & M Bouzouaia*  
 103 Respiratory diseases *M EL Houadfi & M Bouzouaia*  
 104 Cardiovascular diseases *HL Shivaprasad, J Brugère-Picoux & M Bouzouaia*  
 105 Hematopoietic system *D Venne, M Bouzouaia & J Brugère-Picoux*  
 106 Muscular diseases *FJ Hoerr*  
 107 Locomotor disorders *J Brugère-Picoux & M Bouzouaia*  
 108 Nervous & ocular diseases *J Brugère-Picoux, M Bouzouaia & JP Vaillancourt*  
 109 Sudden deaths *M Bouzouaia, JP Vaillancourt & J Brugère-Picoux*  
 110 Reproductive system *A. Mercier, S Lemièrre & J Brugère-Picoux*  
 111 Urinary disorders *M EL Houadfi, M Bouzouaia & J Brugère-Picoux*  
 112 Skin & feather diseases *N Alloui, M Bouzouaia & J Brugère-Picoux*  
 113 Avian droppings *D Venne, M Magnin & J Brugère-Picoux*

## Order form

Pay to the order of the AFAS, 17, rue de la Croix Nivert, 75015 Paris, France or by bank transfer \*

Name.....  
 Address.....  
 Postal code or ZIP.....  
 State/Country.....  
 Email.....  
 Tél.....  
 Order Book + CD: .....copy (copies) (ENGLISH)\*\*(45 € each copy)..... €  
 CD only (€ 20 each) or USB Key (€ 30 each)..... €  
 Shipping \*\*\* ..... €  
 Total ..... €

\*Transfer to the order of the AFAS in euros and all expenses charged to the customer (IBAN sent upon request at Afas@orange.fr)

\*\*The book is also available in English, Spanish and Chinese

\*\*\* Shipping costs Book (France): 12€ (1 or 2 copies), 20 € (3 or 4 copies); Shipping costs CD or USB key (all destinations): 6€; other destinations and/or bulk mail: contact us (Afas@orange.fr)

The book can also be ordered on [www.vetbooks.fr](http://www.vetbooks.fr)