
Description: Advances in Veterinary Dermatology

VOLUME 6

EDITED BY

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Advances in Veterinary Dermatology, Volume 6, presents selected scientific papers presented at the Sixth World Congress of Veterinary Dermatology. Six themed sessions were represented by a State of the Art plenary lecture, followed by Supporting Reviews and Supporting Original Studies, in the following areas:

- Skin Biology
- Parasitology
- Therapy
- Infectious Diseases
- Otology
- Immunology

These peer-reviewed and edited papers were published in the journal Veterinary Dermatology in volume 20, issues 5–6, and are reprinted herein. They are written by noted clinicians and scientists from around the world, and represent the cutting edge of research and clinical findings in the field of veterinary dermatology. Also included are 15 Workshop Reports – summary comments from World Congress discussion sessions, held on a variety of timely and controversial topics in the field.

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Sponsors.

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1.1 The keratinocyte in epidermal renewal and defence (Maja M. Suter, Katja Schulze, Wilhelmina Bergman, Monika Welle, Petra Roosje and Eliane J. Muller).

1.2 Unravelling the skin barrier: a new paradigm for atopic dermatitis and house dust mites (Rosanna Marsella and Don Samuelson).

1.3 Increased transepidermal water loss and decreased ceramide content in lesional and non-lesional skin of dogs with atopic dermatitis (Kenichiro Shimada, Ji-Seon Yoon, Toru Yoshihara, Toshiroh Iwasaki and Koji Nishifuji).

1.4 Immunohistochemical evaluation of filaggrin polyclonal antibody in atopic and normal beagles (Rosanna Marsella, Don Samuelson and Lisa Harrington).

1.5 The histamine H4 receptor as a new target for treatment of canine inflammatory skin diseases (Kristine Roßbach, Holger Stark, Kerstin Sander, Rob Leurs, Manfred Kietzmann and Wolfgang Baumer).

1.6 Levels of house dust mite-specific serum immunoglobulin E (IgE) in different cat populations using a
monoclonal based anti–IgE enzyme–linked immunosorbent assay (Jennifer Bexley, Janice E. Hogg, Bruce Hammerberg and Richard E. W. Halliwell).

1.7 Canine epitheliotropic cutaneous T–cell lymphoma: an investigation of T–cell receptor immunophenotype, lesion topography and molecular clonality (Peter F. Moore, Verena K. Affolter, Petra S. Graham and Barbara Hirt).

1.8 Indolent cutaneous T–cell lymphoma presenting as cutaneous lymphocytosis in dogs (Verena K. Affolter, Thelma Lee Gross and Peter F. Moore).

1.9 Use of the D–dimer assay for diagnosing thrombosis in cases of canine cutaneous vasculitis (Edmund J. Rosser Jr).

PART 2 THERAPY.

2.1 New concepts in antimicrobial susceptibility testing: the mutant prevention concentration and mutant selection window approach (Joseph M. Blondeau).

2.2 Multicentric, controlled clinical study to evaluate effectiveness and safety of miltefosine and allopurinol for canine leishmaniosis (Guadalupe Miro, Gaetano Oliva, Israel Cruz, Carmen Canavate, Michele Mortarino, Claudia Vischer and Paolo Bianciardi).

2.3 The use of recombinant omega interferon therapy in canine atopic dermatitis: a double–blind controlled study (Didier Noe`l Carlotti, Marc Boulet, Joe`l Ducret, Gustavo Machicote, Pierre Jasmin, Christophe A. Re`me and Maxime Albuy).
carcinomas (Laura Bongiovanni, Isabella Colomi, Carmine Fortunato and Leonardo Della Salda).

6.9 Hereditary cutaneous mucinoses in shar pei dogs is associated with increased hyaluronansynthase–2 mRNA transcription by cultured dermal fibroblasts (Giordana Zanna, Maria J. Docampo, Dolores Fondevila, Maria Bardag, Anna Bassols and Luis Ferrer).

PART 7 EQUINE DERMATOLOGY.

7.1 Biomechanical and molecular characteristics of hereditary equine regional dermal asthenia in Quarter Horses (Jesse G. Grady, Steven H. Elder, Peter L. Ryan, Cyprianna E. Swiderski and Ann M. Rashmir-Raven).


7.3 Intradermal testing of horses with and without insect bite hypersensitivity in the Netherlands using an extract of native Culicoides species (Marianne M. Sloet van Oldruitenborgh-Oosterbaan, Miriam van Poppel, Inge J. de Raat, Robin van den Boom and Huub F. J. Savelkoul).

7.4 Effects of dexamethasone and hydroxyzine treatment on intradermal testing and allergen-specific IgE serum testing results in horses (Annette Petersen and Harold C. Schott II).

7.5 An open study to evaluate topical treatment of equine chorioptic mange with shampooing and lime sulphur solution (S. Paterson and K. Coumbe).

PART 8 WORKSHOP REPORTS.

Section Co-Editor: Dr. Anke Hendricks, Royal Veterinary College, London, UK


8.2 Advances in ectoparasite control and prevention (M. W. Dryden and N. E. Tabacca).

8.3 Atopic dermatitis and food allergy: are they the same? (S. C. Shaw and P. J. Forsythe).

8.4 Treatment of hyperadrenocorticism and its complications (P. Roudebush and V. M. Schmidt).

8.5 Pocket pet dermatology (S. D. White and T. Bonenberger).

8.6 Nutraceuticals, traditional Chinese medicine, and non traditional therapies (M. Ogata and C. Chen).

8.7 New diagnostic tests in dermatology (L. J. Vogelnest and C. G. Baxter).

8.8 Novel forms of immunotherapy for allergic diseases (R. S. Mueller and M. A. Shipstone).

8.9 Advances in topical therapy (K. W. Kwochka and L. R. Pinchbeck).


8.12 What's new in skin neoplasia? (L. Ferrer and M. Bardag).


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