

CURRICULUM VITAE

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BACKGROUND

Education:

Residency Certificate in Dermatology, University of California, Davis, June 1986
Internship Certificate in Small Animal Medicine and Surgery, Michigan State University, July 1982
Doctor of Veterinary Medicine, University of California, Davis, June 1981.
Bachelor of Science in Animal Physiology, with highest honors, University of California, Davis, June 1977

Professional Experience:

Professor, Department of Medical Sciences, School of Veterinary Medicine, University of Wisconsin-Madison. Tenure-track teaching (50%), research (30%), and service (20%) appointment. Limited Affiliate Appointment, Department of Animal Health and Biomedical Sciences, University of Wisconsin-Madison. July 2006 - present
Associate Professor (with tenure), Department of Medical Sciences, School of Veterinary Medicine, University of Wisconsin-Madison. Tenure-track teaching (50%), research (30%), and service (20%) appointment. Limited Affiliate Appointment, Department of Animal Health and Biomedical Sciences, University of Wisconsin-Madison. July 1995 – July 2006
Assistant Professor, Department of Medical Sciences, School of Veterinary Medicine, University of Wisconsin-Madison. Tenure-track teaching (50%), research (30%), and service (20%) appointment. November 1988 to July 1995.
Clinical Assistant Professor, Department of Medical Sciences, School of Veterinary Medicine, University of Wisconsin-Madison. Clinical track appointment. September 1986 to November 1988.
Resident in Dermatology, Veterinary Medical Teaching Hospital, University of California, Davis, July 1984 to July 1986. Two-year clinical residency training program in veterinary dermatology.
Staff Veterinarian, Ocean Avenue Veterinary Hospital, San Francisco, CA. Staff veterinarian in 4-doctor small animal private practice. September 1982 to June 1984.
Intern/Instructor, Department of Small Animal Medicine and Surgery, Veterinary Clinical Center, Michigan State University. Rotating internship in small animal medicine and surgery. July 1981 to July 1982.

Specialty Board Certification:

Diplomate, American College of Veterinary Dermatology (1987)

Clinical Licensure: Wisconsin and California

Professional Memberships:

American Academy of Veterinary Dermatology
American Veterinary Medical Association
European Society of Veterinary Dermatology
European Academy of Allergy and Clinical Immunology
Wisconsin Veterinary Medical Association

Professional Honors:

Outstanding Veterinary Dermatologist Award for 1990, Department of Dermatology, Stanford University School of Medicine
Award for Excellence for 2003, American College of Veterinary Dermatology; career award given to one dermatologist annually for outstanding contributions to science and education.
Lifetime Honorary Member, Hellenic Society for Veterinary Dermatology, 2011.

SERVICE

Journal Review:

Ad hoc reviewer: Journal of the American Veterinary Medical Association; American Journal of Veterinary Research; BMC Veterinary Research; Veterinary Dermatology, Journal of the American Animal Hospital Association, Veterinary Immunology and Immunopathology, Clinician's Brief, The Veterinary Journal, Journal of Investigative Dermatology
Board of Scientific Reviewers, American Journal of Veterinary Research, 1989 – 1991
Editorial Board, *Veterinary Dermatology*, 1997-2003
Editorial Board, *Canine Practice*, 1994-97

Professional Associations and Committees:

Secretary, Interest Group in Comparative Allergology, European Association of Allergy and Clinical Immunology, 2017-present.
International Committee on Allergic Diseases of Animals, 2010 – present (chair, 2010-2014)
Program Committee, 9th World Congress of Veterinary Dermatology, 2018-2020
Chair, Nominating Committee, American College of Veterinary Dermatology, 2015-16.
Chair, Sponsorship and Exhibition Committee, Seventh World Congress of Veterinary Dermatology, 2009 - 2012
Chair, Publications Committee, Sixth World Congress of Veterinary Dermatology, 2005-2008
International Task Force on Canine Atopic Dermatitis, 2000-2009
Committee on Research Scholarships, American College of Veterinary Dermatology, 2001
Chair, Program Committee, Fourth World Congress of Veterinary Dermatology, 1997-2000
Chair, Committee on Foreign Mentorships, American College of Veterinary Dermatology, 1995-99.
Chair, Committee on Standardization in Veterinary Allergy, American Academy of Veterinary Dermatology, 1994-99
Program Committee, Third World Congress of Veterinary Dermatology, 1993-1996
Chair, Case Report Appeals Committee, American College of Veterinary Dermatology, 1993
President, Academy of Veterinary Allergy and Clinical Immunology, 1990-1992
Vice-President, Academy of Veterinary Allergy and Clinical Immunology, 1988-1990

Task Force on Comparative Dermatology, American Academy of Dermatology, 1988-1990
Chair, Basic Science Training Committee, American College of Veterinary Dermatology, 1990-91
Program Committee, Second World Congress of Veterinary Dermatology, 1991-92

Committees, University of Wisconsin-Madison:

Section Head, Dermatology Service, UW Veterinary Care, 2020-present
Information Technologies Advisory Committee, School of Veterinary Medicine, 1987-1992 and 2018-present
Dean's Advisory Committee on Appointments and Promotions, 2005-present (Chair, 2007-present)
School of Veterinary Medicine Academic Planning Council, 1995-1997 and 2016-present
Teaching Committee, Sophie Aschenbroich (PBS), 2019-present
Chair, Search Committee for Dermatology Faculty Replacement, 2019-2020
Group to do formal course review of 2nd year Immunology Course (PBS), 2019-2020
Department of Medical Sciences Executive Committee, 1995 - present
Mentor Committee, J. Guevar, 2017-18
Mentor Committee, J. Soukup, 2014-16
Chair, Mentor Committee, J. Bach, 2014-16
Chair, Ad Hoc Committee to Develop SVM Guideline Document for Promotion to Professor, 2016
Chair, Equity and Diversity Committee, School of Veterinary Medicine, 2001-2003 and 2010-2014
Faculty Senator for District 112 (SVM-Medical Sciences), 2006-2014
Chair, ad hoc committee for DMS/DSS departmental restructuring, School of Veterinary Medicine, 2012
Ad hoc committee to revise Clinical Track promotion guidelines, School of Veterinary Medicine, 2012.
Chancellor's Committee for Dean's Review, 2002
Medical Records Committee, School of Veterinary Medicine, 2001-2002
VMTH Building Committee, School of Veterinary Medicine, 2001-2002
Hospital Instructional Resources Committee, School of Veterinary Medicine, 2001
Chair, Search Committee, SAIM Clinical Track Faculty Position, School of Veterinary Medicine, 2001
Chair, Medical Records Task Force, School of Veterinary Medicine, 1999
Student-Faculty Liaison Committee, School of Veterinary Medicine, 1998-01
Head, Section of Small Animal Internal Medicine, Veterinary Medical Teaching Hospital, 1995 - 2000
Ad Hoc Committee on Long-Term Planning for Small Animal Internal Medicine, 1996.
Ad Hoc Committee on Future Facilities, School of Veterinary Medicine, 1993
Task Force on Diversity, School of Veterinary Medicine, 1993-99
Instructional Laboratory Modernization Committee, School of Veterinary Medicine, 1992-2000
Search Committee, Department of Medical Sciences Shared Technicians, 1991-1995
Space Committee, School of Veterinary Medicine, 1987-1992 and 2003-5
Curriculum Committee, School of Veterinary Medicine, 1987-1991 (Chair, 1988-89)
Facilities Committee, School of Veterinary Medicine, 1987-1992
Graduation Committee, School of Veterinary Medicine, 1987-88.
Center of Excellence in Companion Animal Medicine and Surgery Committee, School of Veterinary Medicine, 1987-88

TEACHING ACTIVITIES

Clinical Teaching, University of Wisconsin-Madison, School of Veterinary Medicine:

Dermatology Clinical Rotation, September 1986 to present. One-on-one clinical teaching and supervision of fourth-year veterinary students; 40 hr/week, 12-30 weeks per year.

Classroom Teaching, University of Wisconsin-Madison, School of Veterinary Medicine:

Veterinary Immunology, core course in immunology for second-year students, 6 hours of lab per year, 1996-present.

Companion Animal and Equine Medicine I/II, core course in veterinary dermatology for third-year veterinary students; 8-15 hours of lecture per year, 1987 to present. Course Coordinator, 1991 to 1993.

Veterinary Diagnostic Techniques Laboratory, lab course for third-year students, 3-6 hours of lab per year, 1987 to present.

Veterinary Anatomy Clinical Correlates, laboratory course in clinical applications of basic anatomy, lab on otology, 3 hours of lab per year, 2005-2008.

Clinical Dermatology, didactic elective for fourth-year students, 6-8 hours of lecture per year, 1989 to 1994.

Animal Health, History, Restraint, and Physical Examination, lab course for second-year students, six hours of lab per year, 1987 to 1995. Course coordinator, 1988-91.

Veterinary Systemic Pathology, core dermatopathology lecture and lab, 2 lecture hours and 4 lab hours, 1987.

Student and Resident Teaching, University of Wisconsin-Madison, School of Veterinary Medicine and Department of Animal Health and Biomedical Sciences:

Graduate Students:

Carlos A. Morales, D.V.M., M.S. (co-major professor, 1991-93)

Xinmin Yue, D.V.M., M.S. (graduate committee member, 1994-95)

Ellen B. Cook, Ph.D. (graduate committee member, 1999-2003, UW School of Medicine)

Clinical Residents and Interns in Dermatology:

Michelle Piccione, D.V.M., 2018-2021 (Full-time intern 2017-18; full-time resident 2018-21)

Britt Levy, V.M.D., 2016-2017 (Full-time intern)

Elizabeth Layne, D.V.M., 2013-2014 (Full-time intern 2013-14; full-time resident 2014-17)

William Oldenhoff, D.V.M., 2010-2014 (Full-time intern 2010-11; full time resident 2011-14)

Darcie Kunder, V.M.D., 2011-2012 (Full-time intern)

Alison Diesel, D.V.M., 2007-2010 (Full-time resident)

Aiden P. Foster, D.V.M., Ph.D., 1995-97 (Full-time resident)

Peter B. Hill, D.V.M., 1991-93 (Full-time resident)

Allan Bell, D.V.M., 1990 (Visiting resident)

Hilary A. Farmer, D.V.M., 1992 (Visiting resident)

Mentor/Investigator, Student Research, School of Veterinary Medicine:

Allison Volk, 2020 (Merial Summer Scholars Program)

Emily Gavic, 2017 (Merial Summer Scholars Program)

Daniel Laurent, 2014 (Merial Summer Scholars Program)

Terri Schreiner, 1999 and 2000
Jessica Voss (SVM Student Research Award), 1998

RESEARCH SUPPORT

- Assessment of antimicrobial effects of phentural on canine skin pathogens. Fairona, Inc. research contract (\$4,700). Principal investigator.
- Effect of novel non-antibiotic compounds on biofilm formation in *Pseudomonas aeruginosa* isolated from canine otitis. American College of Veterinary Dermatology, 2020-2021 (\$5,931). Mentored resident project award.
- Multicenter trial of Staphylococcus Pseudintermedius Lysate in canine recurrent pyoderma. Delmont Laboratories, 2014-19 (\$54,000). Principal investigator and study center coordinator.
- Serum Vitamin D Concentrations in Dogs with Atopic Dermatitis. Zoetis Excellence in Dermatology research competition, 2014 (\$9,500). Principal investigator.
- Immunologic and inflammatory changes in canine skin and oral mucosa following radiotherapy as determined by gene expression profiling. American College of Veterinary Dermatology, 2008-09 (\$8,257). Principal investigator.
- Clinical trial of sublingual immunotherapy in canine atopic dermatitis. Allergychoices, Inc., 2008-09 (\$15,450). Principal investigator.
- Objective measures of immunologic status in dogs with atopic dermatitis. Pfizer Animal Health, 2005-06 (\$50,000). Principal investigator.
- Blood collection and genetic analysis in dogs with heritable skin disease. Waltham Masterfoods, 2003-06 (\$65,000). Co-principal investigator.
- Validation of an *Ascaris* allergy model via evaluation of a novel allergy vaccine against naturally occurring cases of canine atopic dermatitis. Pfizer Animal Health, 2004-05 (\$76,900). Principal investigator.
- Antimicrobial susceptibility patterns of resistant *Pseudomonas* isolates from dogs with otitis: a comparison of testing methods using a broad selection of antispseudomonal antibiotics. American College of Veterinary Dermatology Research Foundation, 2004-05 (\$6,610). Principal investigator.
- Lufenuron and terbinafine for treatment of *Microsporium canis* infections in a feline model. Novartis Animal Health, 2001-03 (\$65,500). Principal investigator.
- Lufenuron for the prevention of *Microsporium canis* infection in cats using a cohabitant challenge model. Novartis Animal Health, 2000 (\$60,150). Principal investigator.
- Efficacy of lufenuron for the prevention of *Microsporium canis* infection in cats. Novartis Animal Health, 1999 (\$47,262). Principal investigator.
- Preliminary efficacy study of dermatophytosis vaccine in cats. Alpharma AS, 1999 (\$40,334). Principal investigator.
- Commercial dry dog food as a source of mite exposure for pets. IAMS Company, 1999 (\$4,930). Principal investigator.
- Clinical trial of triamcinolone topical solution for canine allergic pruritus. RMS Laboratories, 1998 (\$38,880). Principal investigator.
- Safety and preliminary immunologic study of dermatophytosis vaccine in cats. Alpharma AS, 1998 (\$43,224). Principal investigator.
- Detection of genetic variation in clinical isolates of *Microsporium canis* using randomly-amplified polymorphic DNA analysis. School of Veterinary Medicine Summer Student Award, 1998 (\$3,000). Mentor/principal investigator.

Molecular strain characterization of pathogenic and commensal strains of *Staphylococcus intermedius* in dogs. School of Veterinary Medicine Companion Animal Fund, 1998 (\$3,750). Co-investigator.

Staphylococcal antigen-induced modulation of canine immunoglobulin production in a SCID-canine mouse model. Delmont Laboratories, 1998 (\$7,700). Principal investigator.

Anti-IgE induced modulation of canine immunoglobulin E production in a SCID-canine chimeric mouse model. American College of Veterinary Dermatology, 1997 (\$9,228). Principal investigator.

Modeling cutaneous inflammation in the dog: effect of low-concentration topical triamcinolone. RMS Laboratories, 1997 (\$4,000). Principal investigator.

Pilot evaluation of the effect of topical pimagedine on the cutaneous inflammatory response of dogs. IDEXX Laboratories, 1997 (\$5,000). Principal investigator.

Mouse-canine SCID chimeras as a model for allergic disease in dogs. University of Wisconsin-Madison Graduate School, 1997 (\$9,600). Principal investigator.

Serotonin release assay for allergen-specific IgE in healthy and atopic dogs. Morris Animal Foundation, 1995 (\$15,043). Principal investigator.

The role of neuropeptides in cystitis. National Institutes of Health, 1994 (\$925,988). Co-investigator.

Interspecies binding of immunoglobulin E to rat basophilic leukemia cells. School of Veterinary Medicine Companion Animal Fund, 1994 (\$4,755). Principal investigator.

Efficacy of disinfectants for environmental decontamination of *Microsporum canis*. Robert H. Winn Foundation, 1994 (\$5,400). Co-investigator.

Inhibition of intradermal skin test reactivity in dogs with the antiallergenic compounds Pemirolast, CI-949, and CI-922. Fort Dodge Laboratories, 1993 (\$9,157). Principal investigator.

Efficacy of systemic antifungal agents in the treatment of experimental feline dermatophytosis. Pfizer Animal Health Discovery, 1993 (\$70,561). Co-principal investigator.

Efficacy of a killed dermatophyte antigen vaccine in the prevention of dermatophyte infection and clinical disease. Robert H. Winn Foundation, 1993 (\$14,734). Co-principal investigator.

Efficacy of lauricidin shampoo in the treatment of experimental feline dermatophytosis. 3M Corporation, 1992 (\$56,850). Co-principal investigator.

Tolerance of cats with experimental dermatophytosis to lauricidin shampoo: a pilot study. 3M Corporation, 1992 (\$6,896). Co-principal investigator.

Total serum IgE quantitation in West Highland White Terrier puppies as a predictive indicator for the development of canine atopy. West Highland White Terrier Club of America, 1992 (\$5,500). Principal investigator.

Dispersed canine skin mast cells: characterization of degranulation and histamine release. American College of Veterinary Dermatology, 1992 (\$10,000). Principal investigator.

Humoral immune response to staphylococci in canine idiopathic recurrent pyoderma. Morris Animal Foundation, 1991 (\$17,533). Principal investigator.

Physicochemical and immunological characterization of feline immunoglobulin E. American College of Veterinary Dermatology, 1991 (\$14,910). Principal investigator.

Cellular fatty acid composition of *Staphylococcus intermedius* isolated from canine skin lesions. Delmont Laboratories, 1991 (\$6,700). Principal investigator.

Quantitative serum IgE in atopic dog populations. Academy of Veterinary Allergy, 1991 (\$2,500). Principal investigator (graduate student project).

Quantitative antistaphylococcal antibodies in staphylococcal skin disease. American College of Veterinary Dermatology, 1991 (\$2,500). Principal investigator (graduate student project).

Antistaphylococcal IgE in dogs with idiopathic recurrent staphylococcal pyoderma. UW-Madison Companion Animal Fund, 1991 (\$2,200). Principal investigator.

The immune response of kittens to a killed dermatophyte antigen vaccine. Robert H. Winn Foundation, 1991 (\$14,877). Co-principal investigator.

Efficacy of WY 50,295 in the management of allergic pruritus in dogs. Fort Dodge Laboratories, 1990 (\$11,180). Principal investigator.

Basophil histamine release as a model system for the study of type I hypersensitivity in the dog: a pilot study. Fort Dodge Laboratories, 1989 (\$5,614). Principal investigator.

Efficacy of AHR 13,268D in the management of allergic pruritus in dogs. Fort Dodge Laboratories, 1989 (\$11,180). Principal investigator.

The immune response of cats to naturally-occurring dermatophyte infection in catteries. Robert H. Winn Foundation, 1989 (\$9,490). Principal investigator.

Evaluation of staphylococcus phage lysate as a treatment for FeLV infection in cats. Delmont Laboratories, 1989 (\$16,400). Collaborator.

Molecular analysis of the humoral immune response of dogs to staphylococcal infection: development of tools and initial application. American College of Veterinary Dermatology, 1988 (\$5,000.00). Principal investigator.

Prevalence of *Microsporum canis* infection in *M. canis* endemic and nonendemic cat populations and the immunoreactivity of cats to intradermal *M. canis* antigens. Robert H. Winn Foundation for Cat Research, 1987 (\$9,050.00). Co-principal investigator.

The influence of staphylococcal antigen-antibody complexes on canine cellular immune function. American Veterinary Medical Association Foundation, 1987 (\$13,600). Principal investigator.

The evaluation of Staphage Lysate (SPL), a *Staphylococcus* bacterin product, in canine pyoderma. Delmont Laboratories, 1987 (\$11,933.00). Co-principal investigator.

A survey of intradermal skin testing in North America. Academy of Veterinary Allergy, 1986 (\$2,500.00). Principal investigator.

PUBLICATIONS

Peer-Reviewed Original Studies and Invited Reviews:

Pali-Schoell I, DeBoer DJ, Alessandri C, Seida AA, Mueller RS, Jensen-Jarolim E. Formulations for Allergen Immunotherapy in Human and Veterinary Patients: New Candidates on the Horizon. *Frontiers in Immunology*, 11:1697-1701, 2020.

Ishimaru H, Okamoto N, Fujimura M, Miyaji K, Shimakura H, Takase Y, Mizukami K, Uchiyama J, DeBoer DJ, Sakaguchi M. IgE sensitivity to *Malassezia pachydermatis* and mite allergens in dogs with atopic dermatitis. *Veterinary Immunology and Immunopathology* 226: 1-7, 2020.

Piccione M, DeBoer DJ. Serum IgE against cross-reactive carbohydrate determinants (CCD) in healthy and atopic dogs. *Veterinary Dermatology* 30:507-e153, 2019. doi: 10.1111/vde.12799.

Pali-Schoell I, Blank S, Verhoeckx K, Mueller RS, Janda J, Marti E, Seida AA, Rhyner C, DeBoer DJ, Jensen-Jarolim E. EAACI Position Paper: Comparing insect hypersensitivity induced by bite, sting, inhalation, or ingestion in human beings and animals. *Allergy*, 74: 874-887, 2019. [Invited review as European Academy of Allergy and Clinical Immunology official position paper]

Layne EA, DeBoer DJ. Allergen-specific IgE in non-atopic dogs. *Veterinary Dermatology* 30:78-79. 2019. doi: 10.1111/vde.12704.

- Levy BJ, DeBoer DJ. A preliminary study of serum IgE against cross-reactive carbohydrate determinants (CCD) in client-owned atopic dogs. *Veterinary Dermatology*, 29: 243-e90, 2018. [This was Dr. Levy's intern research project]
- Mueller RS, Jensen-Jarolim E, Roth-Walter F, Marti E, Janda J, Seida AA, DeBoer DJ. Allergen immunotherapy in humans, dogs, cats, and horses – differences, similarities, and research needs. *Allergy* 73: 1989-199, 2018. [I coordinated this invited review as a European Academy of Allergy and Clinical Immunology official position paper]
- DeBoer DJ. The future of immunotherapy in canine atopic dermatitis: a review. *Veterinary Dermatology* 28:25-e6, 2017.
- Shimakura H, Uchiyama J, Saito T, Miyaji K, Fujimura M, Masuda K, Okamoto N, DeBoer DJ, Sakaguchi M. IgE reactivity to hen egg white allergens in dogs with cutaneous adverse food reactions. *Veterinary Immunology and Immunopathology* 177: 52-57, 2016.
- Layne EA, DeBoer DJ. Serum *Malassezia*-specific IgE in dogs with recurrent *Malassezia* otitis externa without concurrent skin disease. *Veterinary Immunology and Immunopathology* 176: 1-4, 2016
- DeBoer DJ, Verbrugge M, Morris M. Clinical and immunological responses of dust-mite sensitive, atopic dogs to treatment with sublingual immunotherapy (SLIT). *Veterinary Dermatology* 27: 82-7e23, 2016.
- Olivry T, DeBoer DJ, Favrot C, Jackson HA, Mueller RS, Nuttall T, Prelaud P. Treatment of canine atopic dermatitis: 2015 updated guidelines from the International Committee on Allergic Diseases of Animals (ICADA). *BMC Veterinary Research* 11:210-224, 2015.
- Oldenhoff WE, Frank GR, DeBoer DJ. Comparison of the results of intradermal test reactivity and serum allergen-specific IgE measurement for *Malassezia pachydermatis* in atopic dogs. *Veterinary Dermatology* 25:507-e85, 2014.
- Kubota S, Miyaji K, Shimo Y, Shimakura H, Takase Y, Okamoto N, Kiuchi A, Fujimura M, Fujimura T, DeBoer DJ, Tsukui T, Sakaguchi M. IgE Reactivity to Cry j 3, an allergen of Japanese cedar (*Cryptomeria japonica*) pollen in dogs with canine atopic dermatitis. *Veterinary Immunology and Immunopathology* 149:132-5, 2012.
- Diesel A, DeBoer DJ. Serum allergen-specific immunoglobulin E (IgE) in atopic and healthy cats: comparison of rapid screening immunoassay and complete-panel analysis. *Veterinary Dermatology* 22:39-45, 2011
- Lee KW, Blankenship KD, McCurry ZM, Esch RE, DeBoer DJ, Marsella R. Performance characteristics of a monoclonal antibody cocktail based ELISA for detection of allergen specific IgE in dogs and comparison with a high affinity IgE receptor based ELISA. *Veterinary Dermatology* 20:157-164, 2009.
- Lund A, DeBoer DJ. Immunoprophylaxis of dermatophytosis in animals. *Mycopathologia* 166:407-424, 2008.
- Ohmori K, Masuda K, DeBoer DJ, Sakaguchi M, Tsujimoto H. Immunoblot analysis for IgE-reactive components of fetal calf serum in dogs that developed allergic reactions after non-rabies vaccination. *Veterinary Immunology and Immunopathology* 115:166-171, 2007.
- Pin D, Carlotti DN, Jasmin P, DeBoer DJ, Prélard P. A prospective study of bacterial overgrowth syndrome in eight dogs. *Veterinary Record* 158:437:441, 2006.
- DeBoer DJ, Moriello KA, Volk LM, Schenker R, Steffan J. Lufenuron does not augment effectiveness of terbinafine for treatment of *Microsporum canis* infection in a feline model. *Advances in Veterinary Dermatology* 5:123-129, 2005.
- Hartmann FA, White DG, West SEH, Walker RD, DeBoer DJ. Molecular characterization of *Staphylococcus intermedius* carriage by healthy dogs and comparison of antimicrobial

- susceptibility patterns to isolates from dogs with pyoderma. *Veterinary Microbiology*, 108:119-131, 2005.
- Ohmori K, Masuda K, Maeda S, Kaburagi Y, Kurata K, Ohno K, DeBoer DJ, Tsujimoto H, Sakaguchi M. IgE reactivity to vaccine components in dogs that developed immediate-type allergic reactions after vaccination. *Veterinary Immunology and Immunopathology* 104:249-256, 2005.
- Moriello KA, DeBoer DJ, Schenker R, Blum JL, Volk LM. Efficacy of pretreatment with lufenuron for the prevention of *Microsporum canis* infection in a feline direct topical challenge model. *Veterinary Dermatology* 15:357-362, 2004.
- Moriello KA, DeBoer DJ, Volk LM, Sparkes A, Robinson A. Development of an in vitro, isolated, infected spore testing model for disinfectant testing of *Microsporum canis* isolates. *Veterinary Dermatology* 15:175-180, 2004.
- Morris DO, DeBoer DJ Evaluation of serum obtained from atopic dogs with dermatitis attributable to *Malassezia pachydermatis* for passive transfer of immediate hypersensitivity to that organism. *American Journal of Veterinary Research* 64: 262-266, 2003.
- DeBoer DJ, Moriello KA, Blum JL, Volk LM. Effects of lufenuron treatment in cats on the establishment and course of *Microsporum canis* infections following exposure to infected cats. *Journal of the American Veterinary Medical Association* 222:1216-1220, 2003
- Moriello KA, DeBoer DJ, Greek J, Kuhl K, Fintelman M. Prevalence of immediate and delayed-type hypersensitivity reactions to *Microsporum canis* antigens in cats. *Journal of Feline Medicine and Surgery* 5:161-166, 2003
- DeBoer DJ, Moriello KA, Blum JL, Volk LM, Bredahl LK. Safety and immunologic effects after inoculation of inactivated and combined live-inactivated dermatophytosis vaccines in cats. *American Journal of Veterinary Research* 63:1532-1537, 2002.
- Saban R, Gerard NP, Saban MR, Nguyen NB, DeBoer DJ, Wershil BK. Mast cells mediate substance P-induced bladder inflammation through an NK(1) receptor-independent mechanism. *American Journal of Physiology - Renal Fluid & Electrolyte Physiology*. 283:616-629, 2002.
- HogenEsch H, Dunham AD, Scott-Moncrieff C, Glickman LT, DeBoer DJ. Effect of vaccination on serum concentrations of total and antigen-specific immunoglobulin E in dogs. *American Journal of Veterinary Research* 63:611-616, 2002.
- Masuda K, Sakaguchi M, Saito S, DeBoer DJ, Yamashita K, Hasegawa A, Tsujimoto H. Seasonal atopic dermatitis in dogs sensitive to a major allergen of Japanese cedar (*Cryptomeria japonica*) pollen allergen. *Veterinary Dermatology* 13:53-59, 2002.
- DeBoer DJ, Schafer JH, Salsbury CS, Blum JR, Beale KM, Vitale CB, Muse R, Moriello KA, Garfield RA, Keefe TJ, McArthur TR. Multiple-center study of reduced-concentration triamcinolone topical solution for the treatment of dogs with known or suspected allergic pruritus. *American Journal of Veterinary Research* 63:408-413, 2002.
- DeBoer DJ, Schreiner T. Commercial dry dog food in the north central United States is not contaminated by *Dermatophagoides* house dust mites. *Veterinary Dermatology* 12:183-187, 2001.
- Sakaguchi M, Masuda K, Toda M, Inouye S, Yasueda H, Taniguchi Y, Nagoya T, DeBoer DJ, Tsujimoto H. Analysis of the canine IgE-binding epitope on the major allergen (Cry j 1) of Japanese Cedar pollen with anti-cry j 1 monoclonal antibodies. *Veterinary Immunology and Immunopathology* 78:35-43, 2001.
- Sakaguchi M, Masuda K, Yasueda H, Saito S, DeBoer DJ, Tsujimoto H. IgE reactivity and cross-reactivity to Japanese cedar (*Cryptomeria japonica*) and cypress (*Chamaecyparis obtusa*) pollen allergens in dogs with atopic dermatitis. *Veterinary Immunology and Immunopathology* 83:69-77, 2001.

- Masuda K, Sakaguchi M, Saito S, DeBoer DJ, Fujiwara S, Kurata K, Yamashita K, Hasegawa A, Ohno K, Tsujimoto H. In vivo and in vitro tests showing sensitization to Japanese cedar (*Cryptomeria japonica*) pollen allergen in atopic dogs. *Journal of Veterinary Medical Science* 62:995-1000, 2000.
- DeBoer DJ, Cooley AJ. Use of induced cutaneous immediate-type hypersensitivity reactions to evaluate anti-inflammatory effects of triamcinolone topical solution in three dogs. *Veterinary Dermatology* 11:25-33, 2000.
- Masuda K, Tsujimoto H, Fujiwara S, Kurata K, Hasegawa A, Taniguchi Y, Yamashita K, Yasueda H, DeBoer DJ, deWeck AL, Sakaguchi M. IgE reactivity to major Japanese cedar (*Cryptomeria japonica*) pollen allergens (Cry j 1 and Cry j 2) by ELISA in dogs with atopic dermatitis. *Veterinary Immunology and Immunopathology* 74:263-270, 2000.
- Griot-Wenk ME, Marti E, DeBoer DJ, de Weck AL, Lazary S. Domain mapping and comparative binding features of eight dog IgE-specific reagents in ELISA, immunoblots, and immunohistochemistry. *Veterinary Immunology and Immunopathology* 1999; 70:117-124.
- Masuda K, Tsujimoto H, Fujiwara S, Kurata K, Hasegawa A, Yasueda H, Yamashita K, DeBoer DJ, deWeck AL, Sakaguchi M. IgE sensitivity and cross-reactivity to crude and purified mite allergens (Der f 1, Der f 2, Der p 1, Der p 2) in atopic dogs sensitive to Dermatophagoides mite allergens. *Veterinary Immunology and Immunopathology* 72:303-313, 1999.
- DeBoer DJ, Hill PB. Serum immunoglobulin E concentrations in West Highland White Terrier puppies do not predict development of atopic dermatitis. *Veterinary Dermatology* 1999, 10:275-281.
- Moriello KA, DeBoer DJ. Environmental decontamination of *Microsporum canis*: in vitro studies using isolated infected cat hair. In: Kwochka K, Willemse T, von Tscharner C (eds), *Advances in Veterinary Dermatology, Volume 3*. London: Butterworth Heineman, 1998, pp. 309-318.
- Foster A, O'Dair H, DeBoer DJ. Allergen-specific IgG antibodies in cats with allergic skin disease. *Res Vet Sci* 1997, 63:239-243.
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