

(Revised 3/2020)

CURRICULUM VITAE

DOMENICO SANTORO

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Education

- 2017 Diplomat, American College of Veterinary Microbiologists (ACVM – Bacteriology/Mycology/Immunology)
- 2013 Doctor of Philosophy (Ph.D.) (Molecular Immunology major), at University of Illinois at Urbana-Champaign, College of Veterinary Medicine, Illinois, USA.
- 2010 Diplomat, American College of Veterinary Dermatology (ACVD)
- 2010 Diplomat, European College of Veterinary Dermatology (ECVD)
- 2010 Master of Sciences (M.S.) (Molecular Immune-dermatology major), at University of Illinois at Urbana-Champaign, College of Veterinary Medicine, Illinois, USA.
- 2007 Intern in Dermatology, at NC State University Veterinary Teaching Hospital, College of Veterinary Medicine, NC State University, USA.
- 2006 Research Doctorate (Dr.Sc.) (*Dottore di Ricerca*) in Veterinary Internal Medicine (Post-graduate training in veterinary internal medicine and clinical research = Masters of Science and Internship equivalent), Faculty of Veterinary Medicine, University of Naples, Italy.
- 2002 Certification Qualification Examination, which grants legal permission to practice in Italy and the European Community.
- 1996-2001 Doctor in Veterinary Medicine (D.V.M.) (*Dottore in Medicina Veterinaria – DrMedVet*) *Summa cum Laude*, Faculty of Veterinary Medicine, University of Naples, Italy. *Ranked at the top of the class with a maximum grade of 110/110.*
- 1999-2001 Experimental Thesis in general veterinary pathology on the “Expression of FHIT protein in canine urothelial tumors”.

Professional experience

- 2015-present Assistant Professor in Dermatology at University of Florida, College of Veterinary Medicine, Florida, USA.
- 2015-present Veterinary dermatology resident coordinator – CVM UF
- 2013-present Courtesy Assistant Professor in Dermatology at University of Florida, College of Medicine, Florida, USA.

- 2013-2014 Postdoctoral Associate at University of Florida, College of Veterinary Medicine, Florida, USA (*Supervisor: Dr. Rosanna Marsella*).
- 2010-2013 Visiting Clinical Instructor in Dermatology at University of Illinois at Urbana-Champaign, College of Veterinary Medicine, Illinois, USA.
- 2010-2013 Doctor of Philosophy (Ph.D.) (Molecular Immunology major) at University of Illinois at Urbana-Champaign, College of Veterinary Medicine, Illinois, USA (*Supervisors: Drs. Mariangela Segre & David Bunick*).
- 2007-2010 ACVD & ECVD Residency in Dermatology at University of Illinois at Urbana-Champaign, College of Veterinary Medicine, Illinois, USA (*Supervisor: Dr. Karen L. Campbell*).
- 2007-2010 Master of Sciences (M.S.) (Molecular Immune-dermatology major) at University of Illinois at Urbana-Champaign, College of Veterinary Medicine, Illinois, USA (*Supervisors: Drs. Karen L. Campbell & David Bunick*).
- 2009 Research Dermatology Externship (5 weeks); College of Veterinary Medicine, University of Florida, Gainesville, FL (*Supervisor: Dr. Rosanna Marsella*): *Completed two studies on the evaluation, in vivo and in vitro, of antimicrobial peptides and filaggrin in the skin of atopic beagles.*
- 2008 Research Dermatology Externship (3 weeks); College of Veterinary Medicine, University of Florida, Gainesville, FL (*Supervisor: Dr. Rosanna Marsella*): *Started a study on the evaluation of antimicrobial peptides in the skin of atopic beagles.*
- 2006-2007 Internship in Dermatology at NC State University Veterinary Teaching Hospital, College of Veterinary Medicine, NC State University, USA (*Supervisors: Dr. Thierry Olivry & Marcy Murphy*): *Primary case responsibility of dermatological patients; responsibility for in-house consultations; involvement in student teaching; participation to journal club and dermatopathology rounds.*
- 2006 Training in internal medicine working in the small animal clinics at Faculty of Veterinary Medicine, University of Naples, Italy (*Supervisor: Dr. Paolo Ciaramella*): *Responsible for laboratory analyses focused on dermatological cases. Working as clinician in the small animal clinics.*
- 2006 Clinical Dermatology Externship (4 weeks); College of Veterinary Medicine, NC State University, Raleigh, North Carolina, USA (*Supervisors: Dr. Thierry Olivry & Marcy Murphy*): *Attendance of clinical activities.*
- 2006 Clinical Dermatology Externship (2 weeks); School of Veterinary Medicine, University of Wisconsin-Madison, Madison, Wisconsin, USA (*Supervisor: Dr. Douglas J. DeBoer*): *Attendance of clinical activities.*
- 2006 Research Dermatology Externship (3 weeks); College of Veterinary Medicine, University of Florida, Gainesville, FL (*Supervisor: Dr. Rosanna Marsella*): *Completed two studies on the association between atopic dermatitis and cutaneous lymphosarcomas and on the association between cyclosporin and*

lymphosarcomas in dogs.

- 2006 Training in Internal Medicine working in the small animal clinics at Faculty of Veterinary Medicine, University of Naples, Italy (*Supervisor: Dr. Paolo Ciaramella*): *Responsible for laboratory analyses focused on dermatological cases. Involved in research activities on haemostatic disorders in dogs with canine leishmaniosis and working as clinician in the small animal clinics.*
- 2001-2006 Small animal clinician and responsible for in-house laboratory at Veterinary Clinic of Dr. Mauro Giaquinto, Caserta, Italy.
- 2006 Small animal dermatological referral practice for several Veterinary Clinics in Naples and Caserta provinces.
- 2006 End of Post-graduate training in Veterinary Internal Medicine and Clinical Research (Research Doctorate – Dr.Sc.) at Faculty of Veterinary Medicine, University of Naples, Italy (*Supervisor: Dr Paolo Ciaramella*): *Dissertation of a thesis on the association between atopic dermatitis and development of cutaneous lymphosarcomas in dogs.*
- 2002-2006 Post-graduate training in Veterinary Internal Medicine and Clinical Research (Research Doctorate – Dr.Sc.) at Faculty of Veterinary Medicine, University of Naples, Italy (*Supervisor: Dr Paolo Ciaramella*): *Working as clinician in the small animal clinics. Responsible for laboratory analyses focused on dermatological cases. Completed research on expression of some cardiac markers in cats with heart failure. Completed research on haemostatic disorders in dogs with canine leishmaniosis and on the presence of equine neosporosis in Italy.*
- 2005 Clinical Dermatology Externship (1 week); Centro Veterinario Prati, Rome, Italy (*Supervisor: Dr. Alessandra Fondati*): *Attendance of clinical activities,*
- 2005 Clinical Dermatology Externship (1 week); Centro Veterinario Prati, Rome, Italy (*Supervisor: Dr. Alessandra Fondati*): *Attendance of clinical activities,*
- 2005 Clinical Dermatology Externship (1 week); Faculty of Veterinary Medicine, University of Liverpool, UK (*Supervisor: Dr. Neil A. McEwan*): *Attendance of clinical activities.*
- 2005 Clinical Dermatology Externship (8 weeks); College of Veterinary Medicine, University of Florida, Gainesville, FL (*Supervisor: Dr. Rosanna Marsella*): *Attendance of clinical activities.*
- 2004 Clinical and Research Dermatology Externship (12 weeks); College of Veterinary Medicine, University of Florida, Gainesville, FL (*Supervisor: Dr. Rosanna Marsella*): *Attendance of clinical activities. Started two studies on the association between atopic dermatitis and cutaneous lymphosarcomas and on the association between cyclosporin and lymphosarcomas in dogs.*
- 2004 Clinical Dermatology Externship (1 week); Centro Veterinario Prati, Rome, Italy (*Supervisor: Dr. Alessandra Fondati*): *Attendance of clinical activities.*

2002 Clinical Internal Medicine Externship; Faculty of Veterinary Medicine, University of Naples, Italy (*Supervisor: Dr. Paolo Ciaramella*): *Working in the small animal clinics. Responsible for laboratory analyses focused on dermatological cases. Involved in research activities on haemostatic disorders in dogs with canine leishmaniosis.*

Peer-Reviewed Publications

a. In progress

Santoro D., Pucheu-Haston C.M., Prost C., Mueller R., Jackson H. Clinical signs and diagnosis of feline atopic syndrome: detailed guidelines for a correct diagnosis. To be submitted to *Veterinary Dermatology*

Santoro D., Archer L. Intrinsic alterations of the inflammatory pathways in canine atopic keratinocytes. To be submitted to *Experimental Dermatology*

Kher L.D.*, **Santoro D.**, Gibson D., Schultz G. Effects of Nano-sulfur against multi-drug resistant *Staphylococcus pseudintermedius* and *Pseudomonas aeruginosa*: an antimicrobial, anti-biofilm and cytotoxicity study. To be submitted to *Journal of Clinical Microbiology*

Shiumitsu S.*, Gillen J.*, Hernandez-Bures A.*, Frasca S., **Santoro D.** Evaluation of IL-17, IL-22, IL-31 and their receptors in the skin of atopic dogs: an immunofluorescence and in situ hybridization study. To be submitted to *Veterinary Immunology and Immunopathology*

Hernandez-Bures A.*, Gillen J.*, Apostolodis K.*, Saridomichelakis M., Di Loria A., **Santoro D.** Evaluation of the cutaneous immunological milieu in dogs naturally affected by *Leishmania infantum/chagasi*: a preliminary study. To be submitted to *Veterinary Parasitology*

Santoro D. Anti-inflammatory and cytotoxicity study of polyammonium bisulfate molecular clusters. To be submitted to *Nanotechnology (or Nature Nanotechnology)*

Kher L.*, **Santoro D.**, Chala V., Navarro C. *In vitro* antimicrobial activity of host defense peptides and chlorhexidine against resistant *Staphylococcus pseudintermedius* isolates from dogs. To be submitted to *Veterinary Microbiology*

b. Submitted (*trainee)

De Benedetto A., Bohannon M., Foxworth A., Velez L., **Santoro D.** Prevalence of multidrug resistant *Staphylococcus pseudintermedius* and *Staphylococcus aureus* in dogs and people: a comparative dermatology case control study. Submitted to *Veterinary Dermatology*

Cobiella D.*, **Santoro D.**, Deabold K., Gruntmeir J., Childress A., Craft W.F., Walden H.D.S., Wellehan J.F.X. Subcutaneous nodules and dermatitis by a *Dirofilaria* spp. consistent with *Dirofilaria striata* from a domestic cat in Florida, USA. Submitted to

c. **Accepted/In Press**

Santoro D., Di Loria A, Mirante T., Oliveira D., Laudanna C., Malanga D., Marsella R., Ciaramella P. Identification of differentially expressed microRNAs in the skin of experimentally-sensitized naturally-affected atopic beagles by Next Generation Sequencing. Accepted by *Immunogenetics*

d. **Published** (*trainee)

2020 Di Loria A., Dattilo V., **Santoro D.**, Guccione J., De Luca A., Ciaramella P., Pirozzi M., Iaccino E. Expression of serum exosomal miRNA 122 and lipoprotein levels in dogs naturally infected by *Leishmania infantum*: a preliminary study. *Animals* 2020; 10: 100.

2019 Cobiella D.*, Gram D., **Santoro D.** Noninvasive evaluation of vascular endothelial growth factor-A (VEGF-A) protein concentrations in the stratum corneum and serum of healthy and atopic dogs. *Veterinary Dermatology* 2019; Nov 6. [Epub ahead of print]

Boyd M.*, Morris J.M.*, **Santoro D.** Plasma membrane integrity and oxidative stress index outcomes of canine progenitor epidermal keratinocytes (CPEKs) exposed to virgin coconut oil (VCO). *Veterinary Dermatology* 2019; 30: 553-e166.

Cobiella D.*, Gram D., **Santoro D.** Isolation of *Neisseria dumasiana* from a deep bite wound infection in a dog. *Veterinary Dermatology* 2019; 30: 556-e168.

Marshall K.*, Walton S., Boyd M.*, Bishop B.*, Wellehan J., Craft W., **Santoro D.** Erysipeloid lesions caused by *Erysipelothrix rhusiopathiae* in a dog: clinical and histopathological findings, molecular diagnosis, and treatment. *Veterinary Dermatology* 2019; 30: 434-e134.

Santoro D., Archer L., Kelley K. A defective release of host defense peptides is present in canine atopic skin. *Journal of Comparative Immunology, Microbiology & Infectious Diseases* 2019; 65: 65-69.

Santoro D., Archer L., Di Loria A. Evaluation of expression and distribution of prune in the skin of normal dogs. *Veterinary Dermatology* 2019; 30: 446-447.

Longhini A.L.F., Vieira C., Salazar T.E., Trinh T., Duan Y., Pay S.L., Boulton M.E., Losh M., Johnston N.A., Xie H., Kim M., Hunt R.J., Yoder M.C., **Santoro D.**, McCarrel T.M., Grant M.B. Mobilized mesenchymal stem cells show rapid growth and immunomodulatory potential for therapeutic use in horses. *PLoS One* 2019 Mar 14; 14: e0212642.

Boyd M.*, **Santoro D.**, Gram D. *In vitro* antimicrobial activity of topical otological antimicrobials and Tris-EDTA against resistant *Staphylococcus pseudintermedius* and

- Pseudomonas aeruginosa* isolates from dogs. *Veterinary Dermatology* 2019; 30: 139-e40
- Cobiella D.*, Archer L., Bohannon M., **Santoro D.** Pilot study using five methods to evaluate skin barrier function in healthy dogs and in dogs with atopic dermatitis. *Veterinary Dermatology* 2019; 30: 121-e34
- Boyd M.*, **Santoro D.**, Craft W., Ginn P., Childress A., Wellahan J., Walden H. D. Dermatitis caused by autochthonous *Cercopithifilaria binae* from a dog in Florida, USA: clinical, histological and parasitological diagnosis and treatment. *Veterinary Dermatology* 2019; 30: 68-e20
- Santoro D.** Therapies in canine atopic dermatitis: An Update. *The Veterinary Clinics of North America: Small Animal Practice* 2019; 49: 9-26
- 2018 d'Ovidio D., Noviello E., **Santoro D.** Prevalence and zoonotic risk of tropical rat mite (*Ornithonyssus bacoti*) in exotic companion mammals in southern Italy. In press by *Veterinary Dermatology* 2018; 29: 522-e174
- Santoro D.** Evaluation of the secretion of antimicrobial peptides and antimicrobial effect of skin wash in atopic and healthy dogs: a preliminary study. *Veterinary Dermatology* 2018; 29: 402-e132
- Santoro D.**, Bohannon M., Ahrens K., Navarro C., Gatto H., Marsella R. Evaluation on the effects of 0.1% Peumus boldus leaf and Spiraea ulmaria plant extract combination on bacterial colonization in canine atopic dermatitis: A preliminary randomized, placebo controlled, double-blinded study. *Research in Veterinary Science* 2018; 118: 164-170
- White A.G.*, **Santoro D.**, Ahrens K., Marsella R. Single blinded, randomized, placebo-controlled study on the effects of ciclosporin on cutaneous barrier function and immunological response in atopic beagles. *Veterinary Immunology and Immunopathology* 2018; 197: 93-101
- 2017 Marsella R., Cornegliani L., Ozmen I., Bohannon M., Ahrens K., **Santoro D.** Randomized, double blinded, placebo controlled pilot study on the effects of topical blackcurrant emulsion enriched in essential fatty acids, ceramides, and 18-beta glycyrrhetic acid on clinical signs and skin barrier function in dogs with atopic dermatitis. *Veterinary Dermatology* 2017; 28: 577-e140
- Santoro D.**, Ahrens K., Vesny R., Navarro C., Gatto H., Marsella R. Evaluation of the *in vitro* effect of Boldo and Meadowsweet plant extracts on the expression of antimicrobial peptides and inflammatory markers in canine keratinocytes. *Research in Veterinary Science* 2017; 115: 255-262
- Fanton N.*, **Santoro D.**, Cornegliani L., Marsella R. Increased filaggrin-metabolizing enzyme activity in atopic skin: a pilot study using a canine model of atopic dermatitis. *Veterinary Dermatology* 2017; 28: 479-e111
- Santoro D.**, Kubicek L., Lu B., Craft W., Conway J. Total body radiation as treatment for epitheliotropic lymphoma in a dog. *Veterinary Dermatology* 2017; 28: 246-e65

- d'Ovidio D., Noviello E., **Santoro D.** Tropical rat mite (*Ornithonyssus bacoti*) infestation in pet Syrian hamsters (*Mesocricetus auratus*) and their owner. *Veterinary Dermatology* 2017; 28: 265-257
- 2016 Bentley J.*, **Santoro D.**, Gram D., Dujowich M., Marsella R. Can ultraviolet light C decrease the environmental burden of resistant bacteria on textiles? *Veterinary Dermatology* 2016; 27: 457-e121
- Santoro D.** and Rodrigues Hoffmann A. Canine and human atopic dermatitis: two faces of the same host-microbe interaction. *Journal of Investigative Dermatology* 2016; 136: 1087-1089 (Commentaries)
- Marsella R., Papastavros V., Ahrens K., **Santoro D.** Decrease expression of caspase-14 in an experimental model of canine atopic dermatitis. *Veterinary Journal* 2016; 206: 201-203
- Kim H.J., Cronin M., Ahrens K., Papastavros V., **Santoro D.**, Marsella R. A comparative study of epidermal tight junction proteins in a dog model of atopic dermatitis. *Veterinary Dermatology* 2016; 27: 40-e11
- 2015 Hensel P., **Santoro D.**, Favrot C., Hill P., Griffin C., and the ICADA. Canine atopic dermatitis: detailed guidelines for diagnosis and allergen identification. *BMC Veterinary Research* 2015; 11: 196
- Santoro D.**, Ahrens K., Marsella R., Segre M. Evaluation of antimicrobial peptides and cytokine production in primary keratinocyte cell culture from healthy and atopic beagles. *Experimental Dermatology* 2015; 24: 317-319
- Pucheu-Haston C.M., Eisenschenk M.N.C., Bizikova P., Marsella R., Nuttall T., **Santoro D.**, and the ICADA. Introduction to the review articles by ICADA on the pathogenesis of atopic dermatitis in dogs. *Veterinary Dermatology* 2015; 26: 77-78
- Bizikova P., **Santoro D.**, Marsella R., Nuttall T., Eisenschenk M.N.C., Pucheu-Haston C.M., and the ICADA. Review: Clinical and histologic manifestations of canine atopic dermatitis. *Veterinary Dermatology* 2015; 26: 79-e24
- Santoro D.**, Marsella R., Pucheu-Haston C.M., Eisenschenk M.N.C., Nuttall T., Bizikova P., and the ICADA. Review: Pathogenesis of canine atopic dermatitis: skin barrier and host-microorganism interaction. *Veterinary Dermatology* 2015; 26: 84-e25
- Bizikova P., Pucheu-Haston C.M., Eisenschenk M.N.C., Marsella R., Nuttall T., **Santoro D.**, and the ICADA. Review: Role of genetics and the environment in the pathogenesis of canine atopic dermatitis. *Veterinary Dermatology* 2015; 26: 95-e26
- Pucheu-Haston C.M., **Santoro D.**, Bizikova P., Eisenschenk M.N.C., Marsella R., Nuttall T. and the ICADA. Review: Innate immunity, lipid metabolism and nutrition in canine atopic dermatitis. *Veterinary Dermatology* 2015; 26: 104-e28
- Pucheu-Haston C.M., Bizikova P., Eisenschenk M., **Santoro D.**, Nuttall T., Marsella R.,

- and the ICADA. Review: the role of antibodies, autoantigens and food allergens in canine atopic dermatitis. *Veterinary Dermatology* 2015; 26: 115-e30
- Pucheu-Haston C.M., Bizikova P., Marsella R., **Santoro D.**, Nuttall T., Eisenschenk M.N.C., and the ICADA. Review: Lymphocytes, cytokines, chemokines and the Th1-Th2 balance in canine atopic dermatitis. *Veterinary Dermatology* 2015; 26: 124-e32
- d'Ovidio D.* & **Santoro D.** Survey of zoonotic dermatoses in client-owned exotic pet mammals in Southern Italy. *Zoonoses and Public Health* 2015; 62: 100–104.
- Imai A.*, **Santoro D.** Canine atopic dermatitis reduces the risk of multicentric B cell lymphoma. *Veterinary Record* 2015; 176: 231
- 2014 **Santoro D.**, Marsella R. Animal models of allergic diseases. *Veterinary Sciences* 2014; 1: 192-212.
- Di Loria A, Squillacioti C, De Luca A, Veneziano V, Mirabella N, Guccione J, **Santoro D.** Increased leptin mRNA expression in the blood of dogs naturally infected by *Leishmania infantum*. *The Veterinary Journal* 2014; 202: 634-636.
- d'Ovidio D.*, Grable S.L., Ferrara M., **Santoro D.** Prevalence of dermatophytes and other superficial fungal organisms in asymptomatic pet guinea pigs in southern Italy. *Journal of Small Animal Practice* 2014; 55: 355-358.
- d'Ovidio D.* & **Santoro D.** Prevalence of fur mites (*Chirodiscooides caviae*) in pet guinea pigs (*Cavia porcellus*) in southern Italy. *Veterinary Dermatology* 2014; 25: 135-e38.
- Santoro D.** & Maddox C.W. Canine antimicrobial peptides are effective against resistant bacteria and yeasts. *Veterinary Dermatology* 2014; 25: 35-e12.
- d'Ovidio D.* & **Santoro D.** *Lepoacarus gibbus* infestation in client-owned rabbits and their owner. *Veterinary Dermatology* 2014; 25: 46-e17.
- 2013 White A.*, Stern A., Campbell K., **Santoro D.** Multiple (disseminated) follicular cysts: a case series of four dogs and one cat. *The Veterinary Record* 2013; 173: 269.
- d'Ovidio D.* & **Santoro D.** Orodonal diseases and dermatological disorders are highly associated in pet rabbits a case-control study. *Veterinary Dermatology* 2013; 24: 531-e125.
- Veneziano V., Di Loria A., Paciello O., Borzacchiello G., de Biase D., Guccione J., Piantedosi D., **Santoro D.** Pour-on alphacypermetrin is an effective treatment for natural *Wernerckiella equi* infection in donkeys (*Equus asinus*). *Veterinary Dermatology* 2013; 24: 556-557.
- Santoro D.**, Marsella R., Ahrens K., Graves T.K., Bunick D. Altered mRNA and protein expression of filaggrin in the skin of a canine animal model for atopic dermatitis. *Veterinary Dermatology* 2013; 24: 329-e73.
- Gilor C., Gilor S., Graves T.K., Borst L.B., Labelle P., Ridge T.K., **Santoro D.**, Dossin O.

- Distribution of K and L cells in the feline intestinal tract. *Domestic Animal Endocrinology* 2013; 45: 49-54.
- Marsella R., **Santoro D.**, Ahrens K., Thomas A. Investigation of the effect of probiotic exposure on filaggrin expression in an experimental model of canine atopic dermatitis. *Veterinary Dermatology* 2013; **24**: 260-e57.
- Santoro D.**, Bunick D., Graves T.K., Segre M. Evaluation of canine antimicrobial peptides in infected and noninfected chronic atopic skin. *Veterinary Dermatology* 2013; **24**: 39-47.e10.
- 2012 Marsella R., **Santoro D.**, Ahrens K. Early exposure to probiotics in a canine model of atopic dermatitis has long-term clinical and immunological effects. *Veterinary Immunology and Immunopathology* 2012; **146**: 185–189.
- 2011 **Santoro D.**, Marsella R., Bunick D., Graves T.K., Campbell K.L. Expression and distribution of canine antimicrobial peptides in the skin of healthy and atopic beagles. *Veterinary Immunology and Immunopathology* 2011; **144**: 382–388.
- Santoro D.** & Campbell K.L. Use of cyclosporine in a dog with canine juvenile sterile granulomatous dermatitis and lymphadenitis. *Veterinary Dermatology* 2011; **22**: 287-288.
- Santoro D.**, Bunick D., Graves T.K., Campbell K.L. Expression and distribution of antimicrobial peptides in the skin of healthy beagles. *Veterinary Dermatology* 2011; **22**: 61–67.
- 2009 **Santoro D.**, Piece T., Linder K., Olivry T. Post-traumatic peripheral arteriovenous fistula manifesting as digital haemorrhages in a cat: diagnosis with contrast-enhanced 3D CT imaging. *Veterinary Dermatology* 2009; **20**: 216-231.
- 2008 **Santoro D.**, Mechelli L., Spaterna A., Ciaramella P. Cutaneous sterile pyogranuloma/granuloma syndrome in a dog. *Canadian Veterinary Journal* 2008; **49**: 1204-1207.
- Santoro D.**, Prisco M., Ciaramella P. Cutaneous sterile granulomas/pyogranulomas, leishmaniasis and mycobacterial infections. *Journal of Small Animal Practice* 2008; **49**: 552–561 (Requested review).
- 2007 **Santoro D.**, Marsella R., Hernandez J.A. Investigation on the association between atopic dermatitis and the development of mycosis fungoides in dogs: a retrospective case-control study. *Veterinary Dermatology* 2007; **18**: 101-106.
- 2006 Terrazzano G., Cortese L., Piantedosi D., Zappacosta S., Di Loria A., **Santoro D.**, Ruggiero G., Ciaramella P. Presence of anti-platelet IgM and IgG antibodies in dogs naturally infected by *Leishmania infantum*. *Veterinary Immunology and Immunopathology* 2006; **110**: 331-337.
- 2004 Ciaramella P., Corona M., Cortese L., Piantedosi D., **Santoro D.**, Di Loria A., Rigato R. Seroprevalence of *Neospora* spp. in asymptomatic horses in Italy. *Veterinary Parasitology* 2004; **123**: 11-15.

Corona M., Ciaramella P., Pelagalli A., Cortese L., Pero M.E., **Santoro D.**, Lombardi P. Haemostatic disorders in dogs naturally infected by *Leishmania infantum*. *Veterinary Research Communications* 2004; **28 (Suppl 1)**: 331-334.

2003 Giaquinto M., Ferrara M., **Santoro D.**, Testa A. Noduli da Leishmania nel cane. *Obiettivi & Documenti Veterinari* 2003; **3**: 39.

Ciaramella P., Di Loria A., **Santoro D.** Rcenti acquisizioni sulla poliencfalomalacia (PEM) dei ruminanti. Nota 2: Aspetti clinico-diagnostici e terapeutici. *Large Animal Review* 2003; **3**: 23-28.

Book chapters

Santoro D. Dermatologic disorders. In: Clinical medicine of the dog and cat, 3rd ed. M. Schaer and F. Gaschen ed. CRC press Taylor & Francis group (In preparation).

Santoro D. The skin as an immune organ. In: Diagnostics and Therapy in Veterinary Dermatology, 1st ed. D. Logas ed. Wiley (In preparation).

Santoro D. Immunosuppressive drugs. In: Diagnostics and Therapy in Veterinary Dermatology, 1st ed. D. Logas ed. Wiley (In preparation).

Santoro D. Structure and function of the skin. In: *BSAVA Manual of Canine and Feline Dermatology*, 4th ed. H. Jackson and R. Marsella ed. BSAVA (In preparation).

Santoro D. An approach to diseases of claws and claw folds. In: *BSAVA Manual of Canine and Feline Dermatology*, 4th ed. H. Jackson and R. Marsella ed. BSAVA Submitted to the Editor).

Santoro D. Canine allergies. In: *Veterinary Dermatology*, 1st ed. L. Rodrigues ed. (Submitted to the Editor).

Santoro D. Cutaneous immunology. In: *Veterinary Clinical Immunology*, 1st ed. O. Garden ed. Elsevier. 2018 (Submitted to the Editor)

d'Ovidio D. & **Santoro D.** Dermatologic diseases. In: *Ferrets, Rabbits, and Rodents: Clinical Medicine and Surgery*, 4th ed. C. Orcutt and C. Mans ed. Elsevier. 2017 (In press)

Santoro D. An approach to diseases of claws and claw folds. In: *BSAVA Manual of Canine and Feline Dermatology*, 3rd ed. H. Jackson and R. Marsella ed. BSAVA. 2012: 121-125

Ciaramella P., **Santoro D.**, Spaterna A. Pododermatosi (Pododermatitis). In: *Dermatologia del cane: dal segno clinico alla diagnosi e terapia (Canine dermatology: clinical signs, diagnosis and therapy)*. A. Spaterna ed. Point Veterinaire Italie Publisher. 2008: 491-524.

Ciaramella P., **Santoro D.**, Spaterna A. *Malattie del tartufo (Diseases of the nasal planum)*. In: *Dermatologia del cane: dal segno clinico alla diagnosi e terapia (Canine dermatology: clinical signs, diagnosis and therapy)*. A. Spaterna ed. Point Veterinaire Italie Publisher. 2008: 525-541.

Grants (*trainee)

2020 **Santoro D. (PI)**, Gram D. (Co-PI) Investigation on the influence of oclacitinib on the efficacy of allergen specific immunotherapy in dogs with atopic dermatitis: a double blinded, randomized clinical trial. *Morris animal foundation grant* \$105,602

Santoro D. (PI), Sahay B. (Co-PI) Isolation of the immunologically active compounds in *Gordonia bronchialis* cells: a preliminary study. *Morris animal foundation grant* \$10,800

Santoro D. (PI) Investigation on the *in vitro* effects of resveratrol on peripheral blood mononuclear cells harvested from healthy and atopic dogs. *Westie Foundation of America research grant* \$35,056

2019 **Santoro D. (PI)**, Kelley K. (Co-I) Ultrastructural evaluation on the alterations of host defense peptide secretion present in the canine atopic skin: a correlative light and electron microscopy study. *ESVD major research grant* \$16,250

Maglione R. (PI), Ferrara M. (Co-PI), Ciccarelli (Co-I), di Loria A. (Co-I), **Santoro D. (Co-PI)** Prevalence of *Dirofilaria repens* and coinfections with *D. immitis*, *Leishmania infantum*, and selected tick-borne diseases in privately-owned healthy dogs in the Naples area, Italy. *ESVD practitioner research grant* \$5,591.04

Santoro D. (PI), Kher L. (Co-I)* Prevalence of *mecA*, *mecC* and *Panton-Valentine-Leukocidin* genes in clinical isolates of *Staphylococcus pseudintermedius* from dermatological canine patients. *SACS research grant* \$3,630

Walton S. (PI), **Santoro D. (Co-PI)**, Shmalberg J. (Co-PI) *In vitro* inhibitory effects of polyammonium bisulfate molecular clusters and nanosulfur against canine isolates of *Pythium insidiosum*. *SACS research grant* \$2,017.50 (Not funded)

Gram W.D., Putra A. (Co-I)*, **Santoro D. (Co-I)**, Stefanou C. (Co-I) Using interactive technology to enhance learning in clinical veterinary dermatology. *SACS research grant* \$3,300 (Not funded)

Santoro D. (PI) Investigation on the effects of Linkskin® spray on the cutaneous microbiome in canine atopic dermatitis: a double blinded, randomized, placebo controlled study. *DNR, Inc.* \$71,851

Santoro D. (PI) Investigation on the molecular crosstalk between canine atopic skin and microbes: unraveling potential pathomechanisms for chronic recurrent skin infections. *Morris Animal Foundation – Established Investigator grant* \$76,742 (Not funded)

Santoro D. (PI), Shiomitsu S. (Co-PI), Frasca S. (Coll.) Evaluation of the cutaneous expression of IL-17, IL-22, IL-31, and their receptors, in canine atopic dermatitis.

University of Florida Foundation *research grant* \$10,000

Santoro D. (PI), De Benedetto A. (Co-I), Riva A. (Co-I). Epigenetic and transcriptomic analysis on tissue-specific patterns of DNA methylation in canine atopic dermatitis: a translational investigation. *UFII-CTSI Pilot Project Award (Big Data in the Health Sciences)* \$43,973 (Not funded)

Santoro D. (PI) Investigation on the molecular crosstalk between canine atopic skin and microbes: unraveling potential pathomechanisms for chronic recurrent skin infections. *AKC – OAK research grant* \$72,125 (Not funded)

Santoro D. (PI), Chong E. (Co-PI)* Evaluation of the serum and cutaneous levels of chemokines (CCL17, CCL22, CCL27, and CCL28) in atopic dogs and their correlation with severity of canine atopic dermatitis. *AKC – ACORN research grant* \$14,967

2018 **Santoro D. (PI)** Effects of the new Epiotic® on bacterial load and antimicrobial peptides secretion in the ears of atopic dogs: a double blinded, randomized, placebo controlled study. *Virbac Corp.* \$84,007.20

Santoro D. (PI) Anti-inflammatory and cytotoxicity study of nanoparticles. *Earth Science Laboratories, Inc.* \$32,482.50

Santoro D. (PI), Shiomitsu S. (Co-PI) Evaluation of the cutaneous expression of IL-17, IL-22, IL-31, and their receptors, in canine atopic dermatitis. University of Florida Foundation *research grant* \$10,000 (Not funded)

Santoro D. (PI) Transcriptome analysis of canine atopic keratinocytes before and after house dust mite exposure: unraveling potential pathomechanisms of canine atopic dermatitis. University of Florida Foundation *research grant* \$11,890.19 (Not funded)

Brown D.R. (PI), **Santoro D. (Co-PI)** Canine IgG protease therapy: Phase I study. University of Florida Foundation *research grant* \$10,000

Santoro D. (PI) MIC and MBC of Ketochlor and AMPs against *S. pseudintermedius*, *P. aeruginosa* and *M. pachydermatis*: an *in vitro* study. *Virbac Corp.* \$44,625.84

Cobiella D. (PI)*, **Santoro D.** (Co-PI), Marsella R. (Co-I), Gram D. (Co-I) Evaluation of vascular endothelial growth factor (VEGF)-A protein levels in the stratum corneum and serum of healthy, atopic, and demodectic dogs. University of Florida Foundation *research grant* \$2,237.20

2017 **Santoro D. (PI)**, Kher L.D. (Co-PI)*, Schultz G. (Co-I) *In vitro* efficacy of nano-sulfur against planktonic and biofilm state of resistant bacteria. University of Florida Foundation *research grant* \$10,000

Santoro D. (PI), De Benedetto A. (Co-I), Simmons C. (Co-I) Effects of mechano-stimulation on canine and human keratinocytes: a comparative *in vitro* study to unravel potential pathogenetic aspects of atopic dermatitis. *AKC – OAK research grant* \$99,818 (Not funded)

Santoro D. (PI), Kher L.D. (Co-PI)*, Schultz G. (Co-I) In vitro efficacy of nano-sulfur against planktonic and biofilm state of resistant bacteria. *AKC – ACORN research grant* \$14,958

Plummer C.E. (PI), **Santoro D. (Co-PI)**, Wellehan J. (Co-PI) Periocular microbiome of dogs with and without ocular surface disease with and without atopic dermatitis. *AKC – ACORN research grant* \$14,345 (Not funded)

Brown D.R. (PI), **Santoro D. (Co-I)** Canine IgG protease therapy: Phase I study. *AKC-OAK research grant* \$63,350 (Not funded)

Brown D.R. (PI), **Santoro D. (Co-I)** Canine IgG protease therapy: Phase I study. Morris Animal Foundation - *Established investigator research grant* \$63,350 (Not funded)

Santoro D. (PI), De Benedetto A. (Co-I), Simmons C. (Co-I) Effects of mechano-stimulation on canine and human keratinocytes: a comparative *in vitro* study to unravel potential pathogenetic aspects of atopic dermatitis. Morris Animal Foundation - *Established investigator research grant* \$103,057.92 (Not funded)

Santoro D. (PI), De Benedetto A. (Co-PI) Investigation on the *in vitro* effects of resveratrol on human and canine peripheral blood mononuclear cells harvested from healthy and atopic subjects. Morris Animal Foundation - *Established investigator research grant* \$91,931 (Not funded)

Wellehan J. (Co-PI), **Santoro D. (PI)**, Plummer C.E. (Co-PI). Periocular microbiome of dogs with and without ocular surface disease with and without atopic dermatitis. University of Florida Foundation *research grant* \$9,350 (Not funded)

Santoro D. (PI) Intradermal immunotherapy with actinomycetales preparations as treatment for feline hypersensitivity dermatitis. University of Florida Foundation *research grant* \$9,568

Boyd M. (PI)*, **Santoro D. (Co-PI)** Virgin coconut oil toxicity & anti-inflammatory properties on canine progenitor epidermal keratinocyte cell lines. University of Florida Foundation - *Resident research grant* \$1,963

2016 **Santoro D. (PI)**, De Benedetto A. (Co-I), Simmons C. (Co-I) Effects of mechano-stimulation on canine and human keratinocytes: a comparative *in vitro* study to unravel potential pathogenetic aspects of atopic dermatitis. University of Florida - *opportunity grant* \$97,455 (Not funded)

Brown D.R. (PI), **Santoro D. (Co-I)**, Vickroy T.W. (Co-I) Canine model of IgG protease therapy: Phase I study. University of Florida - *opportunity grant* \$64,399 (Not funded)

Santoro D. (PI), De Benedetto A. (Co-PI) Investigation on the *in vitro* effects of resveratrol on human and canine peripheral blood mononuclear cells harvested from healthy and atopic subjects. *ACVD research grant* \$39,615 (Not funded)

Brown D.R. (PI), Santoro D (Co-I) IdeMC, an IgG-specific protease from *Mycoplasma canis* with therapeutic potential for dogs. NIH R03 research grant \$152,500 (Not funded)

- Santoro D. (PI)**, Wellehan J. (Co-PI), Plumemr C.E. (Co-PI) Periocular microbiome of dogs with and without ocular surface disease with and without atopic dermatitis. University of Florida Foundation *research grant* \$9,350 (Not funded)
- Santoro D. (PI)**, Archer L. (Co-I), di Loria A. (Co-I) Investigation on the in vitro effects of resveratrol on peripheral blood mononuclear cells harvested from healthy and atopic dogs. Waltham Foundation *research grant* \$ 20,000 (Not funded)
- 2015 **Santoro D. (PI)** Validation methods for AMP and skin barrier function evaluation in dogs. University of Florida Foundation *research grant* \$10,000
- di Loria A. (PI), **Santoro D. (Co-PI)** Evaluation of the cutaneous immunological milieu and leptin expression in dogs naturally affected by *Leishmania infantum/chagasi* before and after meglumine antimoniate treatment. *ESVD major research grant* €19,976 (\$22,403.08)
- Santoro D. (PI)**, Marsella R. (Co-I) Is defective secretion of antimicrobial peptides associated with reduced killing effects in atopic keratinocytes? *AKC – ACORN research grant* \$12,958.92
- Santoro D. (PI)** Is defective secretion of antimicrobial peptides associated with reduced killing effects in atopic keratinocytes?: Part II University of Florida Foundation *research grant* \$8,054
- Santoro D. (PI)**, Marsella R. (Co-I) Resveratrol: the new age of treating atopic dermatitis in dogs. *MAF - Established investigator research grant* \$105,554.88 (Not funded)
- 2014 **Santoro D. (PI)**, Marsella R. (Co-I) Canine Antimicrobial Peptides: Unraveling their mechanism of action against bacteria and yeasts. *ACVD research grant* \$19,909.80 (Not funded)
- Bentley J. (PI)*, **Santoro D. (Co-PI)**, Gram D. (Co-PI), Marsella R. (Co-I) Can ultraviolet light C decrease the environmental burden of resistant bacteria on textiles? *ACVD resident grant* \$6,851.52
- Santoro D. (PI)**, Marsella R. (Co-I) Investigation on the clinical and immunological effects of legume fermented product on a canine model for atopic dermatitis: A double-blinded, randomized, placebo-controlled clinical trial. *NEA Research grant* \$39,584 (Not funded)
- Marsella R. (PI), Pascual D. (Co-PI), Ahrens K. (Co-I), Maddaloni M. (Co-I), **Santoro D. (Co-I)** Lactococcus lactis-IL-35 for atopic dermatitis: Pilot studies using a canine model. *R21 NIH grant* \$200,974 (Not funded)
- Santoro D. (PI)**, Ahrens K. (Co-I), Marsella R. (Co-I) Intradermal immunotherapy with actinomycetales preparations as treatment for canine atopic dermatitis. *AKC – ACORN Grant* \$12,936.24 (Not funded)

- Santoro D. (PI)**, Conway J.A. (Co-I), Ahrens K. (Co-I), Marsella R. (Co-I) Th17 and Th22: are they involved in canine atopic dermatitis and other inflammatory skin diseases? *ISVD research grant* \$5,000 (Not funded)
- 2013 Marsella R. (PI), Ahrens K. (Co-I), **Santoro D. (Co-PI)** Investigation on the efficacy of a combination 0.1% Betapur and Dermapur to decrease bacterial colonization in an experimental model of canine atopic dermatitis. *Virbac grant* \$21,700
- Marsella R. (PI), Ahrens K. (Co-I), **Santoro D. (Co-I)** Pilot study to evaluate the clinical efficacy of ML-3,656,164 to decrease signs of atopic dermatitis in an experimental model using High IgE producing Beagles. *Merial grant* \$26,778
- Santoro D. (PI)**, Conway J.A. (Co-PI), Ahrens K. (Co-I), Marsella R. (Co-I) Alterations of cutaneous structural components predict the progression to atopic asthma. *Dermatology Foundation* \$20,000 (Not funded)
- Santoro D. (PI)**, Gram W.D. (Co-I), Ahrens K. (Co-I), Marsella R. (Co-I) Investigation on the influence of cyclosporine on the efficacy of allergen specific immunotherapy in dogs with atopic dermatitis: a controlled prospective study. *Novartis grant* \$266,310 (Not funded)
- Marsella R. (PI), **Santoro D. (Co-PI)** Gene expression characterization in canine atopic dermatitis using a canine animal model: microarray analysis. *Lois Kugler Small Animal Research Fund Grant* \$13,500 (Not funded)
- Santoro D. (PI)**, Maddox C.W. (Co-I) Canine Antimicrobial Peptides: Unraveling their mechanism of action against bacteria and yeasts. *ESVD research grant* \$18,200 (Not funded)
- Santoro D. (PI)**, Ahrens K. (Co-I), Marsella R. (Co-I) House dust mites and canine atopic dermatitis: effects on toll like receptors, NF- κ B/STAT3, and the inflammasome complex. *ACVD research grant* \$21,091.32
- Marsella R. (PI), Ahrens K. (Co-I), **Santoro D. (Co-I)** Investigation on the efficacy of a combination 0.1% Betapur™ and Dermapur®HP to decrease bacterial colonization in canine atopic dermatitis. *Virbac grant* \$22,150
- 2012 White A. (PI)*, **Santoro D. (Co-PI)**, Ahrens K. (Co-I), Campbell K.L. (Co-I), Marsella R. (Co-I) Single blinded, randomized, placebo-controlled study on the effects of ciclosporin on cutaneous barrier function and immunological response in experimentally-induced atopic beagles. *Novartis grant* \$44,372.20
- Marsella R. (PI), Ahrens K. (Co-I), **Santoro D. (Co-I)** Evaluation of the in vitro effect of Betapur™ and DERMAPUR®HP on the production of antimicrobial peptides and inflammatory markers in canine keratinocytes: a pilot study. *Virbac grant* \$37,187.50
- 2011 **Santoro D. (PI)**, Maddox C.W. (Co-PI), Segre M. (Co-I) Canine Antimicrobial Peptides: A study of their activity on resistant bacteria and yeasts. *ACVD research grant* \$12,000

- 2010 **Santoro D. (PI)**, Segre M. (Co-PI), Bunick D. (Co-I), Campbell K.L. (Co-I) Evaluation of antimicrobial peptides in keratinocyte cell cultures from healthy and atopic dogs. *ACVD research grant* \$16,000
- 2009 **Santoro D. (PI)**, Bunick D. (Co-I), Graves T.K. (Co-I), Campbell K.L. (Co-I) Evaluation of antimicrobial peptides in the skin of healthy, atopic and dogs with skin infection (Pilot study). *ACVD research grant* \$16,956
- 2008 **Santoro D. (PI)**, Marsella R. (Co-I), Bunick D. (Co-I), Graves T.K. (Co-I), Campbell K.L. (Co-I) Investigation on antimicrobial peptides in the skin of normal dogs and in sensitized high IgE atopic beagle. *ESVD research grant* \$19,550
- Marsella R. (PI), **Santoro D. (Co-PI)** The *in vitro* and *in vivo* evaluation of filaggrin expression in keratinocytes harvested from dogs with and without atopic dermatitis. *ESVD research grant* \$21,000
- Santoro D. (PI)**, Bunick D. (Co-I), Graves T.K. (Co-I), Campbell K.L. (Co-I) Evaluation of antimicrobial peptides in the skin of healthy, atopic and dogs with skin infection (Pilot study). *University of Illinois – Companion Animal grant* \$7,450 – (Awarded)

Teaching

- Spring 2020 Lecturer in the course of Small Animal Dermatology – VEM5387 – University of Florida, USA
Lecturer in the course of Clinical Skills Laboratory – Dermatology Laboratory – VEM5204 - University of Florida, USA
- Fall 2019 Lecturer in the course of Advances in Small Animal Dermatology - VME6934 – University of Florida, USA
Lecturer in the course of Veterinary Medicine Pharmacology – VEM5171 - University of Florida, USA
Lecturer in the course of Veterinary Epidemiologic Research – VME6771 (section 26G7) - University of Florida, USA
- Spring 2019 Lecturer in the course of Small Animal Dermatology – VEM5387 – University of Florida, USA
Lecturer in the course of Clinical Skills Laboratory – Dermatology Laboratory – VEM5204 - University of Florida, USA
- Fall 2018 Lecturer in the course of Advances in Small Animal Dermatology - VME6934 – University of Florida, USA
Lecturer in the course of Veterinary Medicine Pharmacology – VEM5171 - University of Florida, USA
Lecturer in the course of Veterinary Epidemiologic Research – VME6771 (section 26G7) - University of Florida, USA
- Spring 2018 Lecturer in the course of Small Animal Dermatology – VEM5387 – University of Florida, USA
Lecturer in the course of Clinical Skills Laboratory – Dermatology Laboratory – VEM5204 - University of Florida, USA
- Fall 2017 Lecturer in the course of Advances in Small Animal Dermatology - VME6934 – University of Florida, USA
Lecturer in the course of Veterinary Medicine Pharmacology – VEM5171 - University of Florida, USA

	Lecturer in the course of Veterinary Epidemiologic Research – VME6771 (section 26G7) - University of Florida, USA
Spring 2017	Lecturer in the course of Small Animal Dermatology – VEM5387 – University of Florida, USA
	Lecturer in the course of Clinical Skills Laboratory – Dermatology Laboratory – VEM5204 - University of Florida, USA
Fall 2016	Lecturer in the course of Advances in Small Animal Dermatology - VME6934 – University of Florida, USA
Spring 2016	Lecturer in the course of Small Animal Dermatology – VEM5387 – University of Florida, USA
Fall 2015	Lecturer in the course of Advances in Small Animal Dermatology - VME6934 – University of Florida, USA
Spring 2013	Lecturer in the course of Pathobiology: basis of disease II – dermatophytosis in veterinary medicine - VM607 - University of Illinois, USA
Spring 2012	Lecturer in the course of Pathobiology: basis of disease II – dermatophytosis in veterinary medicine - VM607 - University of Illinois, USA
Spring 2011	Lecturer in the course of Small animal dermatology – approach to alopecia in dogs and cats - VCM663 – University of Illinois, USA
Spring 2011	Lecturer in the course of Pathobiology: basis of disease II – dermatophytosis in veterinary medicine - VM607 - University of Illinois, USA
Fall 2006	Lecturer in the course of Small Animal Internal Medicine focused on Small Animal Dermatology, University of Naples, Italy
Fall 2005	Lecturer in the course of Small Animal Internal Medicine focused on Small Animal Dermatology, University of Naples, Italy
Fall 2005	Lecturer in the course of Large Animal Medicine focused on Large Animal Dermatology, University of Naples, Italy
Spring 2005	Lecturer in the course of Small Animal Internal Medicine focused on Small Animal Dermatology, University of Naples, Italy
Fall 2004	Lecturer in the course of Large Animal Medicine focused on Large Animal Dermatology, University of Naples, Italy
Spring 2004	Lecturer in the course of Veterinary Internal Medicine focused on Small and Large Animal Dermatology, University of Naples, Italy
Spring 2004	Lecturer in the course of Small Animal Internal Medicine focused on Small Animal Dermatology, University of Naples, Italy

Presentations

Accepted upcoming invited lectures

- 2021 8th Dermatological itinerary – Practical course organized by SCIVAC (Cremona, Italy, June)
- Updates on canine atopic dermatitis - etiopathogenesis
 - Updates on canine atopic dermatitis - diagnosis
 - Updates on canine atopic dermatitis – therapy
 - First set up – let’s fix the mistakes and reinforce the right concepts
 - Second set up – let’s fix the mistakes and reinforce the right concepts
- 2020 NAVC Institute - ABVP board prep review 2020: Dermatology (Orlando, FL, May)
- Skin infections in pets

- Virbac continuing education lectures for general practitioners (Rochester, NY, March)
- Fighting Skin Infections - New Technology to Stimulate Innate Immunity

Invited Lectures

2020 Southeast Regional Clinical & Translational Science Conference (Pine Mountain, GA, February)

- Canine and human atopic dermatitis: two faces of the same disease

2019 Continuing Education Program for general practitioners (Napoli, Italy, September)

- Diagnosis and treatment of allergies in cats
- Clinical cases and treatments of allergic cats

Virbac continuing education lectures for general practitioners (Tampa, FL, August)

- Fighting Skin Infections - New Technology to Stimulate Innate Immunity

University of Florida – referring veterinarian day (Gainesville, FL, June)

- The use of laser surgery for dermatologic disorders

NAVC Institute - ABVP board prep review 2019: Dermatology (Orlando, FL, May)

- Pruritic pets

Virbac continuing education lectures for general practitioners (Jacksonville, FL, March)

- Fighting Skin Infections - New Technology to Stimulate Innate Immunity

Veterinary Meeting & Expo (VMX) (Orlando, FL, January)

- Fighting Skin Infections - New Technology to Stimulate Innate Immunity

2018 1st Dermatology course of the Colombian Association of Veterinary Dermatology (Bogota', Columbia, February)

- Pathogenesis of canine atopic dermatitis
- ICADA – diagnosis and management of canine atopic dermatitis
- Canine atopic dermatitis - Systemic therapy
- Canine atopic dermatitis – Alternative and topical therapies
- Allergy tests and immunotherapy
- Clinical cases

2017 IBASA continuing education lectures for general practitioners (Brazil, July)

- Canine atopic dermatitis: clinical updates

38th Brazilian Congress of Anclivepa (Recife, Brazil, May)

- Skin barrier function and atopic dermatitis
- Skin barrier function, atopic dermatitis and topical treatments
- Diagnosis and treatment of atopic dermatitis

Virbac symposium (Cancun, Mexico, April)

- New dermatological technologies

- NAVC (Orlando, FL, February)
- Are there alternatives to antibiotics for resistant pyoderma?
- 2016 8th World Congress of Veterinary Dermatology (Bordeaux, France, June)
- Skin barrier ecosystem: cross-talk among structure, local immunity and microbiota (by Ceva)
 - Canine antimicrobial peptides: potential tolls for dermatologists (by Virbac)
- 2015 Continuing Education Program for general practitioners (Napoli, Italy, July)
- Canine allergies – clinical updates
 - Therapy of recurrent and resistant pyoderma in dogs
 - Cats are not small dogs – pruritic skin diseases
 - Cats are not small dogs – non-pruritic skin diseases
- 2^o Congresso Nazionale SIDEV: Dermatologia Felina (Aci Castello, Italy, July)
- The unresolved questions for feline allergic dermatitides
 - Use of cyclosporine in cats: what do we need to know?
 - Management of pemphigus foliaceus in cats
- NAVDF 2015 (Nashville, TN, April)
- AMP's Structure & Function
 - AMP's in Allergy and Infection and Future potential in Dermatology
- 2013 CVC (Kansas City, KA, August)
- Therapeutic updates on canine atopic dermatitis
 - Recurrent antimicrobial-resistant pyoderma
 - Topical therapy in allergic patients
 - Parasitic skin diseases in dogs and cats
 - Fungal infections: from yeast to dermatophytes
 - Feline pruritic dermatoses
 - Feline nonpruritic dermatoses
- Nevada Veterinary Medical Association (Reno, NV, May)
- Canine and feline otitis: from the myth to the reality
- 2012 Diagnostic approach to dermatological problems – Practical course organized by SCIVAC (Cremona, Italy, November)
- Exfoliative dermatitis in dogs: diagnostic challenges
 - Exfoliative dermatitis in cats: diagnostic challenges
 - Exfoliative dermatitis in dogs and cats: clinical cases
 - Approach to claw diseases in dogs and cats
 - Approach to claw diseases in dogs and cats: clinical cases
 - Symmetric alopecia in dogs: diagnostic challenges
 - Symmetric alopecia in cats: diagnostic challenges
- 28th George H Muller and Peter Ihrke Veterinary Dermatology Seminar (Kauai, Hi, November)
- Taking the Voodoo out of Shampoo: Topical treatments for Atopic Dermatitis (by Vetoquinol)

Fall Conference Continuing Education Program (Champaign, IL, September)

- Clinico-microbiological updates: multidrug resistant pyoderma in dogs and cats

7th World Congress of Veterinary Dermatology (Vancouver, CA, July)

- Cats are not small dogs - Differences in pruritic skin diseases
- Cats are not small dogs - Differences in non- pruritic skin diseases
- Topicals as adjuvant therapy in allergic patients
- Antimicrobial skin barrier in canine atopic dermatitis: how much do we really know?

Continuing Education Program for general practitioners (St. Louis, IL, April)

- Otitis externa in dogs and cats: from the clinical signs to the therapy

Continuing Education Program for general practitioners in Illinois (Vet-U program) (Springfield, IL, January)

- Canine atopic dermatitis: clinical and therapeutical updates

2011 Fall Conference Continuing Education Program (Champaign, IL, September)

- Clinical updates in canine allergies – flea allergy dermatitis, food allergy
- Clinical updates in canine allergies – atopic dermatitis

Universita' di Napoli "Federico II" (Napoli, Italy, May)

- Diagnostic and therapeutic approach to canine keratinization disorders
- Therapeutic strategies for resistant recurrent pyoderma
- Clinical updates in canine allergies – atopic dermatitis
- Clinical updates in canine allergies – flea allergy dermatitis, food allergy

Supported review lecture in the technician session on basic immunology at the 26th NAVDF (Galveston, Tx, April)

- Basic Clinical Immunology

Continuing Education Program for general practitioners (St. Louis, IL, February)

- Clinical updates in canine allergies – flea allergy dermatitis, food allergy
- Clinical updates in canine allergies – atopic dermatitis

2009 Universita' di Napoli "Federico II" (Napoli, Italy, November)

- Canine atopic dermatitis updates: pathogenesis and diagnosis
- Canine atopic dermatitis updates: therapy

Le point Veterinarie Italie (Milano Italy, November)

- Erosive and ulcerative dermatoses: from the clinical sign to the diagnosis

Presentations (*trainee)

2020 **Santoro D.**, Archer L., Fagman L. Intradermal immunotherapy with actinomycetales preparations as treatment for feline hypersensitivity dermatitis: a preliminary randomized, placebo controlled, double-blinded study. Submitted for presentation at the 9th World

Congress of Veterinary Dermatology, Sydney (Australia).

Kher L.*, **Santoro D.**, Chala V., Navarro C. Evaluation of the effects of chlorhexidine digluconate with and without cBD103 or cCath against multidrug-resistant clinical isolates of *Staphylococcus pseudintermedius*. Submitted for presentation at the 9th *World Congress of Veterinary Dermatology, Sydney (Australia).*

- 2019 **Santoro D.**, Bohannon M., Foxworth A., Velez L., De Benedetto A. Prevalence of multidrug resistant *Staphylococcus pseudintermedius* and *Staphylococcus aureus* in dogs and people: a case control study. The 31st *European Society and European College of Veterinary Dermatology Forum, Liverpool (UK).*

Kher L.D.*, **Santoro D.**, Gibson D., Schultz G. Effects of Nano-sulfur against multi-drug resistant *Staphylococcus pseudintermedius*: an antimicrobial, anti-biofilm and cytotoxicity study. The 31st *European Society and European College of Veterinary Dermatology Forum, Liverpool (UK).*

Gillen J.*, Hernandez-Bures A.*, **Santoro D.** Evaluation of IL-17 and IL-22 positive cells in the skin of atopic dogs. The 31st *European Society and European College of Veterinary Dermatology Forum, Liverpool (UK).*

Hernandez-Bures A.*, Gillen J.*, Apostolodis K.*, Saridomichelakis M., Di Loria A., **Santoro D.** Evaluation of the cutaneous immunological milieu in dogs naturally affected by *Leishmania infantum/chagasi*: a preliminary study. The 31st *European Society and European College of Veterinary Dermatology Forum, Liverpool (UK).*

- 2018 Chala V., **Santoro D.**, Bohannon M., Ahrens K., Navarro C., Gatto H., Marsella R. Evaluation on the efficacy of a combination of 0.1% boldo and meadowsweet plant extract on bacterial colonization and antimicrobial peptide secretion in four atopic dogs. Presented at the 30th *European Society and European College of Veterinary Dermatology Forum, Dubrovnik (Croatia).* (*Veterinary Dermatology* 2018; 29: 360)

Foxworth A.*, Bohannon M., De Benedetto A., **Santoro D.** Prevalence of *Staphylococcus pseudintermedius* resistance in dogs with atopic dermatitis: a retrospective study. Presented poster at the PhiZeta research day. University of Florida.

- 2017 **Santoro D.**, Bohannon M., Archer L. Evaluation of the secretion of antimicrobial peptides in atopic and healthy dogs. Presented at the 29th *European Society and European College of Veterinary Dermatology Forum, Lausanne (Switzerland).*

Santoro D., Archer L., Ahrens K. Intrinsic alterations of the inflammatory pathways in canine atopic keratinocytes. Presented at the 29th *European Society and European College of Veterinary Dermatology Forum, Lausanne (Switzerland).*

Santoro D., Di Loria A, Mirante T., Piantedosi D., Oliveira D., Laudanna C., Malanga D., Ciaramalla P., Marsella R. Cutaneous microRNA expression analysis by next-generation sequencing in experimentally-sensitized atopic beagles: a preliminary study. Presented at the 30th *North American Veterinary Dermatology Forum, Orlando (Florida).*

- 2016 **Santoro D.**, Archer L., Di Loria A., Zollo M. Evaluation of cutaneous expression of

- PRUNE in the skin of normal dogs: a preliminary study. Presented at the 8th *World Congress of Veterinary Dermatology*, Bordeaux (France).
- 2014 **Santoro D.**, Ahrens K., Marsella R., Segre M. Evaluation of antimicrobial peptides and cytokine production in primary keratinocyte cell culture from healthy and atopic beagles. Presented at the 29th *North American Veterinary Dermatology Forum*, Phoenix (Arizona).
- 2012 **Santoro D.**, Bunick D., Graves T.K., Segre M. Evaluation of antimicrobial peptides in chronic infected and non-infected atopic skin. Presented at the 7th *World Congress of Veterinary Dermatology*, Vancouver (Canada).
- 2010 **Santoro D.**, Marsella R., Bunick D., Graves T.K., Campbell K.L. Expression and distribution of canine antimicrobial peptides in the skin of healthy and atopic beagles. Presented at the 24th *European Society and European College of Veterinary Dermatology Forum*, Firenze (Italy).
- Santoro D.**, Marsella R., Bunick D., Graves T.K., Campbell K.L., Ahrens K. Expression and distribution of canine filaggrin in the skin of healthy and atopic beagles. Presented to the 25th *North American Veterinary Dermatology Forum*, Portland (Oregon).
- Santoro D.**, Marsella R., Bunick D., Ahrens K., Graves T. K., Campbell K.L. Long term effect of probiotics on filaggrin mRNA and protein expression in atopic beagles. Presented to the 25th *North American Veterinary Dermatology Forum*, Portland (Oregon).
- 2009 **Santoro D.**, Bunick D., Graves T.K., Campbell K.L. Evaluation of antimicrobial peptides in the skin of healthy beagles. Presented to the 23rd *European Society and European College of Veterinary Dermatology Forum*, Bleed (Slovenia).
- 2008 **Santoro D.**, Piece T., Linder K., Olivry T. Arteriovenous fistula manifesting as digital hemorrhages in a cat: diagnosis with 3D imaging. Presented to the 23rd *North American Veterinary Dermatology Forum*, Denver (Colorado).
- 2005 **Santoro D.**, Marsella R. Investigation of possible correlation between atopic dermatitis, the use of cyclosporine A and development of lymphomas in dogs. Presented to the 20th *North American Veterinary Dermatology Forum*, Sarasota (Florida).

Peer-Reviewed Proceedings/Abstracts

- 2020 **Santoro D.**, Archer L., Fagman L. Intradermal immunotherapy with actinomycetales preparations as treatment for feline hypersensitivity dermatitis: a preliminary randomized, placebo controlled, double-blinded study. Submitted for presentation at the 9th *World Congress of Veterinary Dermatology*, Sydney (Australia).
- Simou C., Kokkinaki K., Chatzis M., Archer L., Ntafis V., Vingopoulou E., Siarkou V., Xenoulis P., Saridomichelakis M., **Santoro D.** Expression of canine β -defensin 103 mRNA in skin biopsies from atopic and healthy dogs after exposure to different bacteria. Submitted for presentation at the 9th *World Congress of Veterinary Dermatology*, Sydney (Australia).

- Kher L.* , **Santoro D.**, Chala V., Navarro C. Evaluation of the effects of chlorhexidine digluconate with and without cBD103 or cCath against multidrug-resistant clinical isolates of *Staphylococcus pseudintermedius*. Submitted for presentation at the 9th World Congress of Veterinary Dermatology, Sydney (Australia).
- 2019 Kher L.D.* , **Santoro D.**, Gibson D., Schultz G. Effects of Nano-sulfur against multi-drug resistant *Staphylococcus pseudintermedius*: an antimicrobial, anti-biofilm and cytotoxicity study. In the proceedings of the 31st European Society and European College of Veterinary Dermatology Forum, Liverpool (UK). (*Veterinary Dermatology* 2019; 30: 467)
- Santoro D.**, Bohannon M., Foxworth A., Velez L., De Benedetto A. Prevalence of multidrug resistant *Staphylococcus pseudintermedius* and *Staphylococcus aureus* in dogs and people: a case control study. In the proceedings of the 31st European Society and European College of Veterinary Dermatology Forum, Liverpool (UK). (*Veterinary Dermatology* 2019; 30: 466-467)
- Hernandez-Bures A.* , Gillen J.* , Apostolodis K.* , Saridomichelakis M., Di Loria A., **Santoro D.** Evaluation of the cutaneous immunological milieu in dogs naturally affected by *Leishmania infantum/chagasi*: a preliminary study. In the proceedings of the 31st European Society and European College of Veterinary Dermatology Forum, Liverpool (UK). (*Veterinary Dermatology* 2019; 30: 462)
- Gillen J.* , Hernandez-Bures A.* , **Santoro D.** Evaluation of IL-17 and IL-22 positive cells in the skin of atopic dogs. In the proceedings of the 31st European Society and European College of Veterinary Dermatology Forum, Liverpool (UK). (*Veterinary Dermatology* 2019; 30: 461-462)
- 2018 Boyd M.* , **Santoro D.**, Gram D., Marsella R. Minimum inhibitory and bactericidal concentrations of antimicrobials found in otic formulations for resistant *Staphylococcus pseudintermedius* and *Pseudomonas aeruginosa* with and without Tris-EDTA. In the proceedings of the 32nd North American Veterinary Dermatology Forum, Maui (Hawaii). (*Veterinary Dermatology* 2018; 29: 275)
- Chala V., **Santoro D.**, Bohannon M., Ahrens K., Navarro C., Gatto H., Marsella R. Evaluation on the efficacy of a combination of 0.1% boldo and meadowsweet plant extract on bacterial colonization and antimicrobial peptide secretion in four atopic dogs. In the proceedings of the 30th European Society and European College of Veterinary Dermatology Forum, Dubrovnik (Croatia). (*Veterinary Dermatology* 2018; 29: 360)
- Foxworth A.* , Bohannon M., De Benedetto A., **Santoro D.** Prevalence of *Staphylococcus pseudintermedius* resistance in dogs with atopic dermatitis: a retrospective study. PhiZeta research day. University of Florida.
- 2017 **Santoro D.**, Bohannon M., Archer L. Evaluation of the secretion of antimicrobial peptides in atopic and healthy dogs. In the proceedings of the 29th European Society and European College of Veterinary Dermatology Forum, Lausanne (Switzerland). (*Veterinary Dermatology* 2017; 28: 551).
- Santoro D.**, Archer L., Ahrens K. Intrinsic alterations of the inflammatory pathways in canine atopic keratinocytes. In the proceedings of the 29th European Society and European College of Veterinary Dermatology Forum, Lausanne (Switzerland).

(*Veterinary Dermatology* 2017; 28: 551)

Santoro D., Di Loria A., Mirante T., Piantedosi D., Oliveira D., Laudanna C., Malanga D., Ciaramalla P., Marsella R. Cutaneous microRNA expression analysis by next-generation sequencing in experimentally-sensitized atopic beagles: a preliminary study. In the proceedings of the 31st *North American Veterinary Dermatology Forum, Orlando (Florida)*. (*Veterinary Dermatology* 2017; 28: 448)

Cobiella D.* , **Santoro D.**, Archer L., Bohannon M. Evaluation of reliability and validity of skin barrier function devices (Corneometer®, Colorimeter®, pH-Meter® and Vapometer®) in healthy and atopic dogs. In the proceedings of the 31st *North American Veterinary Dermatology Forum, Orlando (Florida)*. (*Veterinary Dermatology* 2017; 28: 447)

2016 **Santoro D.**, Ahrens K., Bohannon M., Navarro C., Gatto H., Marsella R. Evaluation on the effects of 0.1% Peumus boldus leaf and Spiraea ulmaria plant extracts on bacterial colonization in canine atopic dermatitis: a preliminary randomized, controlled, double-blinded study. In the proceedings of the 8th *World Congress of Veterinary Dermatology, Bordeaux (France)*. (*Veterinary Dermatology* 2016; 27 (S1): 78)

Santoro D., Archer L., Di Loria A., Zollo M. Evaluation of cutaneous expression of PRUNE in the skin of normal dogs: a preliminary study. In the proceedings of the 8th *World Congress of Veterinary Dermatology, Bordeaux (France)*. (*Veterinary Dermatology* 2016; 27 (S1): 29)

Bentley J., **Santoro D.**, Gram D., Dujowich M., Marsella R. Can ultraviolet light C decrease the environmental burden of resistant bacteria on textiles? In the proceedings of the 8th *World Congress of Veterinary Dermatology, Bordeaux (France)*. (*Veterinary Dermatology* 2016; 27 (S1): 35)

Craig N., Ahrens K., **Santoro D.**, Marsella R. Evaluation of circulating and epidermal IL-31 in healthy and atopic dogs, including the effects of oclacitinib and allergen exposure in atopic dogs: a pilot study. In the proceedings of the 8th *World Congress of Veterinary Dermatology, Bordeaux (France)*. (*Veterinary Dermatology* 2016; 27 (S1): 47)

2015 White A.G., **Santoro D.**, Ahrens K., Marsella R. Single-blinded, randomized, placebo-controlled study on the effects of ciclosporin on cutaneous barrier function and immunological response in beagles with experimentally induced atopy. In the proceedings of the 30th *North American Veterinary Dermatology Forum, Nashville (Tennessee)*. (*Veterinary Dermatology* 2015; 26: 155)

Fanton N., **Santoro D.**, Cornegliani L., Marsella R. Alterations of filaggrin metabolism are present in atopic skin: a pilot study using a canine model of atopic dermatitis. In the proceedings of the 30th *North American Veterinary Dermatology Forum, Nashville (Tennessee)*. (*Veterinary Dermatology* 2015; 26: 157)

2014 Marsella R., Cornegliani L., Ozmen I., Ahrens K., Bohannon M., **Santoro D.** Investigation on the effects of topical emulsion therapy enriched in ceramides and essential fatty acids on clinical signs and skin barrier function in dogs with atopic dermatitis. In the proceedings of the 27th *European Society and European College of Veterinary Dermatology Forum, Salzburg (Austria)*. (*Veterinary Dermatology* 2014; 25: 391)

D'Ovidio D., Grable S.L., Ferrara M., **Santoro D.** Prevalence of dermatophytes and other superficial fungal organisms in asymptomatic guinea pigs in Southern Italy. In the proceedings of the *27th European Society and European College of Veterinary Dermatology Forum*, Salzburg (Austria). (*Veterinary Dermatology* 2014; 25: 389)

Santoro D., Ahrens K., Marsella R., Segre M. Evaluation of antimicrobial peptides and cytokine production in primary keratinocyte cell culture from healthy and atopic beagles. In the proceedings of the *29th North American Veterinary Dermatology Forum, Phoenix (Arizona)*. (*Veterinary Dermatology* 2014; 25; 154)

Kim H.J., Marsella R., Ahrens K., **Santoro D.** First report of staining pattern and distribution of PAR2 and TSLP in an experimental model of atopic dermatitis. In the proceedings of the *29th North American Veterinary Dermatology Forum, Phoenix (Arizona)*. (*Veterinary Dermatology* 2014; **25**; 155)

Papastrvos V., Marsella R., Cronin M., Ahrens K., Kim H.J., **Santoro D.** Investigation of caspase 14 expression in canine atopic dermatitis. In the proceedings of the *29th North American Veterinary Dermatology Forum, Phoenix (Arizona)*. (*Veterinary Dermatology* 2014; 25; 155)

Cronin M., Kim H.J., Ahrens K., **Santoro D.**, Papastrvos V., Marsella R. Decreased expression of ZO-1 and occluding in an experimental model for atopic dermatitis: a role for tight junctions. In the proceedings of the *29th North American Veterinary Dermatology Forum, Phoenix (Arizona)*. (*Veterinary Dermatology* 2014; 25; 154)

2013 d'Ovidio D. & **Santoro D.** Leporacarus gibbus infestation in client-owned rabbits and their owner. In the proceedings of the *26th European Society and European College of Veterinary Dermatology Forum*, Valencia (Spain). (*Veterinary Dermatology* 2013; 24; 382)

d'Ovidio D. & **Santoro D.** Orodonal diseases and dermatological disorders are highly associated in pet rabbits: a case-control study. In the proceedings of the *26th European Society and European College of Veterinary Dermatology Forum*, Valencia (Spain). (*Veterinary Dermatology* 2013; 24; 382-383)

Marsella R., Ahrens K., Vesney R., **Santoro D.** Evaluation of the *in vitro* effect of plant extracts on the production of antimicrobial peptides and inflammatory markers in canine keratinocytes: a pilot study. *26th North American Veterinary Dermatology Forum*, Louisville (Kentucky). (*Veterinary Dermatology* 2013; 24; 308-309)

Gilor C., Gilor S., Graves T.K., Borst L., Laballe P., Ridge T.K., **Santoro D.**, Dossin O. Distribution of k and L cells in the intestines of normal cats. *Comparative Gastroenterology Society Forum*, Guanica (Puerto Rico).

Gilor C., Gilor S., Graves T.K., Borst L., Labelle P., Ridge T.K., **Santoro D.**, Dossin O. Distribution of k and L cells in the intestines of normal cats. *American College of Veterinary Internal Medicine Forum*, Seattle (Washington). (*Journal of Veterinary Internal Medicine* 2013; 27: 695)

- 2012 **Santoro D.**, Bunick D., Graves T.K., Campbell K.L., Segre M. Evaluation of antimicrobial peptides in chronic infected and non-infected atopic skin. In the proceedings of the 7th *World Congress of Veterinary Dermatology*, Vancouver (Canada). (*Veterinary Dermatology* 2012; 23 (S1): 5)
- 2011 Marsella R., Ahrens K., Thomas A.L., **Santoro D.** Evaluation of a polyclonal antibody against canine filaggrin in immunohistochemical studies in atopic and normal beagle dogs. In the proceedings of the 25th *North American Veterinary Dermatology Forum*, Galveston (Texas). (*Veterinary Dermatology* 2011; 22: 289)
- 2010 **Santoro D.**, Marsella R., Bunick D., Graves T.K., Campbell K.L. Expression and distribution of canine antimicrobial peptides in the skin of healthy and atopic beagles. In the proceedings of the 24th *European Society and European College of Veterinary Dermatology Forum*, Firenze (Italy). (*Veterinary Dermatology* 2010; 21: 535)
- Santoro D.**, Marsella R., Bunick D., Graves T.K., Campbell K.L., Ahrens K. Expression and distribution of canine filaggrin in the skin of healthy and atopic beagles. In the proceedings of the 25th *North American Veterinary Dermatology Forum*, Portland (Oregon). (*Veterinary Dermatology* 2010; 21: 323)
- Marsella R., Ahrens K., **Santoro D.** Long term clinical and immunological effects of probiotics in atopic beagles. In the proceedings of the 25th *North American Veterinary Dermatology Forum*, Portland (Oregon). (*Veterinary Dermatology* 2010; 21: 322)
- Santoro D.**, Marsella R., Bunick D., Ahrens K., Graves T.K., Campbell K.L. Long term effect of probiotics on filaggrin mRNA and protein expression in atopic beagles. In the proceedings of the 25th *North American Veterinary Dermatology Forum*, Portland (Oregon). (*Veterinary Dermatology* 2010; 21: 322)
- 2009 **Santoro D.**, Bunick D., Graves T.K., Campbell K.L. Evaluation of antimicrobial peptides in the skin of healthy beagles. In the proceedings of the 23rd *European Society and European College of Veterinary Dermatology Forum*, Bleed (Slovenia). (*Veterinary Dermatology* 2010; 21: 209)
- Santoro D.**, Lichtensteiger C.A., Campbell K.L. Multiple (disseminated) follicular cysts in a dog – A case report. In the proceedings of the 24th *North American Veterinary Dermatology Forum*, Savannah (Georgia). (*Veterinary Dermatology* 2009; 20: 229)
- 2008 **Santoro D.**, Piece T., Linder K., Olivry T. Arteriovenous fistula manifesting as digital hemorrhages in a cat: diagnosis with 3D imaging. In the proceedings of the 23rd *North American Veterinary Dermatology Forum*, Denver (Colorado). (*Veterinary Dermatology* 2008; 19: 111)
- 2005 **Santoro D.**, Marsella R. Investigation of possible correlation between atopic dermatitis, the use of cyclosporine A and development of Lymphomas in dogs. In the proceedings of the 20th *North American Veterinary Dermatology Forum*, Sarasota (Florida). (*Veterinary Dermatology* 2005; 16: 203)

- 2004 Puricelli M., Benedetti V., **Santoro D.**, Dall'Ara P. Set Up of an Elisa Sandwich to evaluate IgG transfer from Buffalo to Calf. In the proceeding of the *Italian Society of Veterinary Sciences Forum*, Grado (Italy).
- 2003 Corona M., Ciaramella P., Pelagalli A., Cortese L., Pero M.E., **Santoro D.**, Lombardi P., Oliva G. Valutazione dell'aggregazione piastrinica in cani affetti da Leishmaniosi a diverso stadio clinico (Evaluation of platelet aggregation in dogs with leishmaniasis at different clinical stage). In the proceeding of *Italian Society of Veterinary Sciences Forum*, Italy.

Non Peer-Reviewed Proceedings

- 2002 Ferrara M., Giaquinto M., **Santoro D.** A case of paraneoplastic syndrome in a cat. In the proceeding of "*Environment, Animals and Skin*" *Comparative Dermatology Meeting*, Caserta, Italy.

Attendance to Dermatology Meetings

- 2019 Purina Institute – The science of cats (Boulder, Colorado, November)
The 100th Annual Conference of Research Workers in Animal Diseases (CRWAD) (Chicago, Illinois, November)
European Society and College of Veterinary Dermatology Forum (Liverpool, UK, September)
- 2018 North American Veterinary Dermatology Forum (Maui, Hawaii, May)
- 2017 European Society and College of Veterinary Dermatology Forum (Lausanne, Switzerland, September)
North American Veterinary Dermatology Forum (Orlando, Florida, April)
- 2016 2nd Inflammatory Skin Disease Symposium (New York City, New York, November)
8th World Congress of Veterinary Dermatology (Bordeaux, France, June)
Antimicrobial peptide symposium: Towards an integrated view of AMP diversity, functions and applications (Montpellier, France, June)
- 2015 European Society and College of Veterinary Dermatology Forum (Krakow, Poland, September)
2^o Congresso Nazionale di Dermatologia Felina (2nd National Congress on Feline Dermatology) (Aci Castello, Italy, July)
Gordon Research Conference – Antimicrobial Peptides: Basic and translational aspects (Barga, Italy, May)
North American Veterinary Dermatology Forum (Nashville, Tennessee, April)
- 2014 European Society and College of Veterinary Dermatology Forum (Salzburg, Austria, September)
North American Veterinary Dermatology Forum (Phoenix, Arizona, April)
- 2013 European Society and College of Veterinary Dermatology Forum (Valencia, Spain, September)
North American Veterinary Dermatology Forum (Louisville, Kentucky, April)

- 2012 7th World Congress of Veterinary Dermatology (Vancouver, Canada, July)
Society for Investigative Dermatology annual meeting & 75th Anniversary Celebration (Raleigh, NC, May)
- 2011 European Society and College of Veterinary Dermatology Forum (Brussels, Belgium, September)
North American Veterinary Dermatology Forum (Galveston, Tx, April)
Immunology and Skin Disease 2011 International Conference (Harvard Medical School, Boston, MA, April)
- 2010 European Society and College of Veterinary Dermatology Forum (Firenze, Italy, September)
International Symposium of Allergy [New Trend in Allergy VII & 6th Georg Rajka Symposium] (Munich, Germany, July)
North American Veterinary Dermatology Forum (Portland, OR, April)
- 2009 European Society and College of Veterinary Dermatology Forum (Bled, Slovenia, September)
North American Veterinary Dermatology Forum (Savannah, GA, April)
- 2008 6th World Congress of Veterinary Dermatology (Hong Kong, Hong Kong, November)
North American Veterinary Dermatology Forum (Denver, CO, April)
- 2007 European Society and College of Veterinary Dermatology Forum (Mainz, GR, September)
- 2006 European Society and College of Veterinary Dermatology Forum (Lisbon, PT, September)
- 2005 European Society and College of Veterinary Dermatology Forum (Chalkidiki, GR, September)
North American Veterinary Dermatology Forum (Sarasota, FL, April)
- 2004 5th World Congress of Veterinary Dermatology (Vienna, Austria, August)

Attendance to Dermatology Courses

- 2006 ESVD workshop on Cutaneous Immunology (February):
Speakers: Drs. Tim Nuttall, Michael J. Day, Peter Hill, Bristol, UK.
- 2003 SIDEV Advanced Special Course on Canine Atopic Dermatitis (December):
Speakers: Drs. Rosanna Marsella, Giampiero Girolomoni, Cremona, Italy.
- 2002 SIDEV Advanced Special course on Feline Dermatology (December):
Speakers: Drs. Alessandra Fondati, Pascal Prélaud, Emmanuel Bensignor, Cremona, Italy.

Attendance to Professional Courses

- 2013 GMS 7093: Introduction to Clinical/Translational Research (July)

- Multiple speakers, Gainesville, FL, USA
2009 Clinician Scientist Training Workshop (October)
Multiple speakers, Madison, WI, USA
2008 NCSA Grant Writing Workshop (February)
Speakers: Jan Cuny, Lori Williamson, Garth A. Fowler, Urbana, IL, USA

Membership in Professional Organizations

American Association of Veterinary Immunologists (since 2019)
American College of Veterinary Microbiologists (ACVM) (since 2017)
Veterinary Clinical Immunology Society (VCIS) – chair for the skin task force (since 2015)
Veterinary Clinical Immunology Society (VCIS) – infectious diseases task force (since 2015)
Veterinary Clinical Immunology Society (VCIS) – diagnostic immunology task force (since 2015)
American College of Veterinary Dermatology (ACVD) (since 2010)
European College of Veterinary Dermatology (ECVD) (since 2010)
International Committee on Allergic Diseases of Animals (ICADA) (since 2010)
American Academy of Veterinary Dermatology (AAVD) (since 2006)
European Society of Veterinary Dermatology (ESVD) (since 2004)
European Academy of Allergy and Clinical Immunology (EAACI) (2010-2015)
American Academy of Allergy, Asthma and Immunology (AAAAI) (2010-2015)
Society for Investigative Dermatology (SID) (2009-2015)
Clinical Immunology Society (CIS) (2009-2012)
European Peptide Society (EPS) (2010-2012)
Italian Society of Veterinary Dermatology (SIDEV) (since 2001-2007)
Italian Society of Veterinary Companion Animals (SCIVAC) (2001-2006)

Committees

- UF - CVM's residents & interns committee (since 2016)
- Member of the search committee for the Small Animal Clinical Sciences Department – University of Florida – Assistant professor position in veterinary ophthalmology (2019-2020)
- Member of the search committee for the Comparative, Diagnostic, and Population Medicine Department – University of Florida – Assistant professor position in veterinary pathology (2019)
- UF - CVM's research committee (2015-2018)
- Member of the search committee for the Comparative, Diagnostic, and Population Medicine Department – University of Florida – Assistant professor position in veterinary clinical microbiology (2017-2018)
- UF - CVM's SAH infection control committee (2016-2017)
- Chair of the infection control committee – University of Illinois (2011-2012)
- Member of the Research Committee of the Minister for Education, Life Long Learning, and Religious Affairs of Greece (since 2011)
- Member of the search committee for the Comparative Biosciences Department – University of Illinois – Assistant professor position in veterinary clinical pharmacology (2008-2009)

Member of graduate student committee

- Chair of the PhD Committee for Dr. Lopa Kher (2019-2023)
- Chair of the Master Committee for Dr. Kalie Marshall (2019-2023)
- Chair of the Master Committee for Dr. Eric Chong (2018-2022)
- Chair of the Master Committee for Dr. Andhika Putra (2018-2020)
- Chair of the Master Committee for Dr. Lopa Kher (2017-2019)
- Member of the Master Committee for Dr. Amelia White (2011-2014)

Activity as reviewer

Reviewer for Veterinaria (Italian veterinary journal) (Editorial board member - dermatology)
 Reviewer for Veterinary Dermatology (Editorial board member)

Reviewer “ad hoc” for Biochimie
 Reviewer “ad hoc” for BMC Immunology
 Reviewer “ad hoc” for Veterinary Journal
 Reviewer “ad hoc” for Veterinary Record
 Reviewer “ad hoc” for Molecular Immunology
 Reviewer “ad hoc” for Veterinary Microbiology
 Reviewer “ad hoc” for Open Veterinary Journal
 Reviewer “ad hoc” for BMC Veterinary Research
 Reviewer “ad hoc” for Experimental Dermatology
 Reviewer “ad hoc” for Veterinary Medicine (the journal)
 Reviewer “ad hoc” for Journal of Small Animal Practice
 Reviewer “ad hoc” for Journal of Investigative Dermatology
 Reviewer “ad hoc” for Expert Review of Clinical Immunology
 Reviewer “ad hoc” for Journal of Veterinary Medical Education
 Reviewer “ad hoc” for Berliner und Munchener Tierarztliche Wochenschrift
 Reviewer “ad hoc” for EBook “Studies in natural products chemistry (Bioactive natural products)”

Reviewer for the AKC-CHF research grant
 Reviewer for the Swiss National Science Foundation research grant
 Reviewer for the SIDEV (Italian Society of Veterinary Dermatology) research grant
 Reviewer for the Deutsche Forschungsgemeinschaft (German Research Foundation)

Awards

Brasley Fellowship Award – University of Illinois (August 2010 – June 2013)
 ACVD resident externship grant \$1,000 (May 2010)
 Best clinical research presentation at the Phi Zeta Research day (April 2010)
 Second best short communication at the 23rd ESVD/ECVD meeting (September 2009)
 ACVD resident externship grant \$1,000 (August 2009)
 Second best clinical research presentation at the Phi Zeta Research day (April 2009)
 ACVD resident externship grant \$1,000 (August 2008)
 Golden Oar Award (hospital service award) (April 2008)

Community outreach teaching

2019 Canine allergies - 3rd Annual Health Seminar for the Cavalier King Charles Club of North

- Florida (October)
- 2011 Living the country life radio: Detecting food allergies in dogs (September)
Pet column: Fleas: the allergy machine (August)
WCIA3 (CBS-affiliated television station): Flea allergy dermatitis (Pet on the set show) (October)
Pet column: Those mangy dogs! (October)
Pet-U (owner directed lecture series): Why your pet itches! (October)
- 2010 Pet column: A "hypoallergenic" dog – Really? (March)
- 2009 Pet column: Stop itching! (January)
WCIA3 (CBS-affiliated television station): Itchy pet (canine allergies) (Pet on the set show) (February)
Pet column: Equine hives: an easy diagnosis, but often an elusive cause (December)
- 2008 Pet column: Can Fido have food allergies? (November)

Personal Information

Italian native, enjoy trekking, riding, walking, and cooking.