**FREE COMMUNICATIONS PROGRAMME**

**NEOPLASTIC SKIN DISEASE & RARE AND NOVEL CONDITIONS**
02/06/2015 | 08:30 – 10:00 | G1+G2
Chair: David Shearer ISVD Pres.

**08:30** | **FC 01** | Identification of stem cell markers lgr5, lgr6 and sox9 in canine hair follicle and epidermal tumours
Bongiovanni L.*, Bracheleonte C., Welle M. (Teramo, Italy)

**08:40** | **FC 02** | Canine perianal tumors not originating from the perianal or anal sac glands
Berrocal A.* (Heredia, Centro, Costa Rica)

**08:50** | **FC 03** | Use of carbon dioxide laser vaporization for the treatment of feline cutaneous squamous-cell carcinoma.
Oliveri L.*, Ghitaudo G., Caporali C., Abramo F. (Spilamberto (MO), Italy)

**09:00** | **FC 04** | Identification of platelet-derived growth factor receptor β in the canine cutaneous epitheliotropic T-cell lymphoma.
Fontaine J., Ngo J.*, Bruneau J., Hermolle O. (Bruxelles, Belgium)

**09:10** | **FC 05** | Epidemiological, histopathological and genetic study of melanomas in dogs: interest for comparative oncology and new therapeutic options.

**09:20** | **FC 06** | Epidemiological study of transmissible venereal tumor at Vassouras-RJ, Brazil

**09:30** | **FC 07** | PORCN gene mutation in dogs with clinical and histopathological manifestation of ectodermal dysplasia – report of three cases
Zur G.*, Kaufmann R., Welle M., Drögemüller C., Leeb T. (Rehovot, Israel)

**09:40** | **FC 08** | Identification of the genetic cause of a canine insensitivity to pain (Auto-Mutilation Syndrome)
in hunting dogs, a model for human sensory neuropathies.

**09:50** | **FC 09** | Role of cachexia in non steroid-induced acquired feline skin fragility syndrome: morphologic, histoenzymatic, immunohistochemical, tnf-α and tgf-β gene expression study.
Fornari R.*, PORCELLATO I., GUELFI G., BRACHELEonte C. (Perugia, Italy)

**IMMUNE MEDIATED SKIN DISEASE**
02/06/2015 | 10:45 – 11:30 | G1+G2
Chair: Dani Hoolahan

**10:45** | **FC 10** | Use of low-level laser therapy (lllt) for perianal fistulas drug-unresponsiveness in German shepherd dogs
Ghibaudo G.*, Marchigiglio G. (Sarzana (IM), Italy)

**10:55** | **FC 11** | Clinical and microscopic features of generalized discoid lupus erythematosus in dogs (10 cases)
Banovic F.*, Linder K., Olviry T. (Athens, GA, United States)

**11:05** | **FC 12** | Apoptosis as a mechanism for keratinocyte death in canine toxic epidermal necrolysis
Banovic F.*, Linder K., Dunston S., Rakich P., Olviry T. (Athens, GA, United States)

**SKIN BIOLOGY AND ECOLOGY**
02/06/2015 | 14:00 – 15:45 | G1+G2
Chair: Dan Morris

**14:00** | **FC 13** | Canine skin microbiome: diversity and resilience in healthy dogs
Casas A.*, Sanchez A., Atlet L., Ferrer L., Francino D. (Bellaterra, Spain)

**14:10** | **FC 14** | Evaluation of cutaneous expression of PRUNE in the skin of normal dogs: a preliminary study
Santoro D.*, Archer L., Di Loria A., Zollo M. (Gainesville, FL, United States)

**14:20** | **FC 15** | Physiological analysis of the skin in dogs with Cushings syndrome by transdermal water loss, stratum corneum hydration and corneocyte surface area.
SHIMADA K.*, MIMOTA Y., SATO F., IWOGUCHI A., NIIMA A., SAITO T. (Tokyo, Japan)

**14:30** | **FC 16** | Establishment and pharmacological modulation of a canine skin organ culture model.
ABRAMO F.*, PIRONE A., LENZI C., DELLA VALLE M. F., MIRAGLIOTTA V. (Pisa, Italy)

**14:40** | **FC 17** | The feline skin microbiota: the bacteria inhabiting the skin of healthy and allergic cats
Older C. E. T., Dietel A., Patterson A., Smith C., Mansell J., Johnson T., Wahl K., Suchodolski J., Rodrigues Hoffmann A. (College Station, TX, United States)

**14:50** | **FC 18** | The effect of feeding dogs with different amounts of linoleic acid on the concentration of linoleic acid in canine stratum corneum
POPA I.*, SOLDAI A., PORTOUKALIAN J., ALLAWAY D., WATSON A. (Cheltenham-Malbry, France)

**15:00** | **FC 19** | The effect of feeding dogs different amounts of linoleic acid on stratum corneum lipids
POPA I., Watson A.*, Allaway D. (Amargues, France)

**15:10** | **FC 20** | Comparison of the moisturizing power and the effect on transdermal water loss of two shampoos on the canine skin barrier.
Fantini O.*, Mosca M., Veroit L., Noel G., Pini D. (Marcy l’Étoile, France)

**15:20** | **FC 21** | Evidence for specific alterations of stratum corneum (SC) lipids in the autosomal recessive ichthyosis of golden retriever (GR) dogs lacking PNPLA1 lipase.
POPA I., MATHET J.-L.*, NAVARRO C., PORTOUKALIAN J., HAFTEK M., ANDRE C., GUAGUERE E. (Orléans, France)

**ACVD RESIDENTS ABSTRACTS PART I**
02/06/2015 | 14:00 – 15:45 | ROOM ROHAN B, PULLMAN
Chair: Emily Rothstein

**14:00** | **FC 22** | In vitro activity of substrituents of a topical skin cream against Staphylococcus pseudintermedius and other bacterial pathogens
YEN Y.T.*, BROSS R., BLONDEAU J.-M. (Marina del Rey, CA, United States)

**14:12** | **FC 23** | Frequency of urinary tract infections in feline patients with dermatologic disease receiving long-term glucorticoids and ciclosporin
Lockwood S.*, Schick A., Lewis T., Newton H. (Gilbert, AZ, United States)

**14:24** | **FC 24** | Antibacterial activity of incomplete iron salt of polycrylic acid against Pseudomonas aeruginosa, methicillin-resistant Staphylococcus pseudintermedius, and methicillin-resistant Staphylococcus aureus.
SOLC M. K. M.*, WIESE J. S., JACZ E. (Akron, OH, United States)

**14:36** | **FC 25** | Clinical and histologic description of Lykoi cat hair coat and skin

**14:48** | **FC 26** | Use of mycopropholate motefil to treat immune mediated skin disease of dogs: a retrospective evaluation
Ackermann A. L.*, May E., Frank L. (Knokke, TN, United States)

**15:00** | **FC 27** | Mucous membrane pemphigoid in dogs: a retrospective study of clinical signs, treatment and outcome in 16 new cases
Tham H. L.*, Olviry T., Linder K., Bluskova F. (Raleigh, NC, United States)

**15:12** | **FC 28** | Can ultraviolet light C decrease the environmental burden of resistant bacteria on textiles?
Bentley J.*, Santoro D., Gram D., Dujowich M., Marsella R. (Gainesville, FL, United States)
OTITIS
03/06/2015 | 08:30 – 10:00 | ROOM ROHAN B, PULLMAN
Chair: Chiara Noli

08:30 | FC 45 | Conductive hearing loss in three dogs associated with the use of ointment-based otic medications
Cole L.*, Rajala-Schultz P., Lorch G. (Columbus, OH, United States)

08:40 | FC 46 | Use of diode laser for hyperplastic polypoid otitis externa in allergic brachycephalic dogs
Ghiaudo G. * (Sarnate (VALE), Italy)

08:50 | FC 47 | Bacteriology and cytology of otic exudates in 41 cavalier King Charles spaniels with primary secretory otitis media
Cole L. K.*, Rajala-Schultz P., Lorch G. (Columbus, OH, United States)

09:00 | FC 48 | Antimicrobial susceptibility of canine external ear isolates in US dogs with first time otitis externa and recurrent otitis externa
Stahl M. *, Bade D., Brown S. (Madison, NJ, United States)

09:10 | FC 49 | Longitudinal study to investigate the minimum bactericidal concentrations of silver sulfadiazine mixtures against microorganisms commonly associated with otitis media
Buckley L. M.*, Uri M., Marrage L., Mcewan N., Schmidt V. (Hastings, United Kingdom)

09:20 | FC 50 | Evaluation of canine otitis media with ultrasound imaging and video-otoscopy
Classen J.*, Brechtschein A., Meyer-Lindenberg A., Mueller R. S. (Munich, Germany)

09:30 | FC 51 | Prospective study of the effect of otitis externa before and after treatment on 20 owner’s assessment of their own and their dog’s quality of life.

09:40 | FC 52 | Clinical analysis of cholesteatoma in seven dogs
Imai A.*, Okazumi Y., Kondo H., Suganuma T., Ogawa A., Yamao H., Magata M. (Saitama, Japan)

09:50 | FC 53 | Videodermoscopy-guided myringotomy in dogs: contamination rate from the external ear canal in dogs—a pilot study
Reinbacher E.*, Kreissl E., Hirt R., Speerger A., Herrmann I., Panakova L. (Vienna, Austria)

ALLERGIC DISEASES: PATHOLOGY
(PATHOGENESIS AND DIAGNOSIS)
03/06/2015 | 11:00 – 12:30 | ROOM ROHAN B, PULLMAN
Chair: Emmanuel Bensignor

11:00 | FC 54 | Investigations on the role of nerve growth factor in dogs with atopic dermatitis
Olivy T. *, Biskova P. (Raleigh, NC, United States)

11:10 | FC 55 | Extensive protein hydrolysis is indispensable to prevent IgE-mediated food allergen recognition
Olivy T. *, Beasley J., Michalak A., Mougeot I. (Raleigh, NC, United States)

11:20 | FC 56 | 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
Craig M. *, Ahrens K., Santoro D., Marrella R. (Gainesville, FL, United States)

11:30 | FC 57 | Characterization of circulating monocytes/macrophages and polarization of M2a macrophage subtype in healthy and atopic dogs
Herrmann I.*, Blanchin R., Panakova L., Horvath-Ungerbeck C., Jensen-Jarolim E., Thalhammer J. (Vienna, Austria)

11:40 | FC 58 | Diagnostic accuracy of serum assays for mite sensitivity in dogs with atopic dermatitis sensu stricto
Lima M.*, Cunha V., Farias M. (Curitiba, Paraná, Brazil)

11:50 | FC 59 | Evaluation of different concentrations of histamine and skin irritant threshold for house dust mites in healthy dogs submitted to intradermal testing
Ferreira R. *, Ferreiro L., Machado M., Cunha V., Farias M., Antunes E. (Porto Alegre, Brazil)

12:00 | FC 60 | Identification of Dermatophagoides pteronyssinus allergens in dogs with atopic dermatitis sensu stricto positive in intradermic and serological (Fece1-alpha) tests.
Possebon A. *, Lima M., Cunha V., Farias M. (Curitiba, Paraná, Brazil)
INFECTIONOUS SKIN DISEASE
03/06/2015 | 16:30 – 18:00 | ROOM ROHAN B, PULLMAN
Chair: Richard Harvey

16:30 | FC 63 | Establishing a canine superficial pyoderma model
Blümer W.*, Bizukova P., Linder K., Jacob M. (NC, United States)

16:40 | FC 64 | Canine papillomaviruses 1 and 2 engage oncogenic pathways in a different manner
LANGE C. E.*, MUNCH C., HOWLEY P. M. (Boston, MA, United States)

16:50 | FC 65 | The in vitro and in vivo efficacy of 0.011% hypochlorous acid
Richards K.*, Harris J., Arygle S., Nuttall T. (Roslin, United Kingdom)

17:00 | FC 66 | Evaluation of the in vitro synergistic activity of chlorhexidine and trizEDTA
Burson H.*, Harris J., Arygle S., Nuttall T. (Roslin, United Kingdom)

17:10 | FC 67 | Overexpression of TLR-2 and TLR-4 mRNA in feline polymorphonuclear leukocytes selected from feline pyoderma
Mignon B.*, Heinen M.-P., Antoine N., Cambier L. (Liège, Belgium)

17:20 | FC 68 | Immunohistochemical and molecular investigation on the presence of Leishmania spp. in the skin of cats with head and neck ulcers
Di Mattia D.*, Fendova D., Abramo F., Fendati A. (Rome, Italy)

17:30 | FC 69 | Identification of canine papillomavirus by pcr in greyhound corns
Frank L.*, Anis E., Francisco R., Kania S. (Knoxville, TN, United States)

17:40 | FC 70 | Clinical efficacy of artificial carbonated spring therapy for canine superficial pyoderma caused by Staphylococcus pseudintermedius
Iyori K.*, Toyoda Y., Tamagawa S., Iwasaki T., Nishifuji K. (Tokyo, Japan)

17:50 | FC 71 | In vitro bactericidal activity of lactoferricin and other enzymes on bacteria selected from dogs with pyoderma
Corona A.*, Vercelli A., Bruni N., Cornegliani L. (Torino, Italy)

ALLERGIC DISEASES: TREATMENT
03/06/2015 | 14:00 – 15:45 | ROOM ROHAN B, PULLMAN
Chair: Lucia Panakova

14:00 | FC 72 | A randomized, double-blind, crossover trial testing the benefit of administering a probiotic poultry feather veterinary diet in dogs with spontaneous pruritic chicken hypersensitivities
Bizukova P.*, Ollivry T. (Raleigh, NC, United States)

14:10 | FC 73 | A blinded, randomized, placebo-controlled trial investigating three dose levels of lokivetmab (ZTS-00103289), a caninized anti-canine-IL-31 monoclonal antibody (mab), for the reduction of pruritus and associated skin lesions in dogs with atopic dermatitis
Michels G. M.*, Ramsey D., Walsh K., Martinson O., Mahabir S., Hoovers J., Walters R., Bucher J., Durham S. (Kalamazoo, MI, United States)

14:20 | FC 74 | A minimally restricted blinded, randomized, placebo-controlled trial of the safety of lokivetmab (ZTS-00103289), a caninized anti-canine-IL-31 monoclonal antibody, in client-owned dogs with atopic dermatitis
Michels G. M., Walsh K., Krydia K., Mahabir S., Walters R., Hoovers J., Martinson O. (Kalamazoo, MI, United States)

14:30 | FC 75 | Evaluation of the long-term effect of intralymphatic immunotherapy in the management of canine atopic dermatitis

14:40 | FC 76 | Intralymphatic immunotherapy: an effective and safe alternative route for canine atopic dermatitis
Fischer N.*, Rostaker A., Zwicky L., Favrot C. (Zurich, Switzerland)

14:50 | FC 77 | A randomized, double-blind, placebo-controlled, multi-centre, confirmatory efficacy field trial for the evaluation of atovimate, an allergen-specific immunotherapy in the control of canine atopic dermatitis: Preliminary results

15:00 | FC 78 | Investigation of the effect of occlacinin on skin barrier function and ability to prevent allergic sensitization in atopic dogs
Marsella R.*, Ahrens K. (Gainesville, FL, United States)

15:10 | FC 79 | T-cell dependent antibody responses in dogs administered lokivetmab (ZTS-00103289), a caninized, anti-canine IL-31 monoclonal antibody
Krautmann M. J.*, Mahabir S., Sly L., Messamore J., Birkholz P., Mwangi D., Foss D., Rat S., Walters R., Gonzales A., Dominowski P., Esc K., Malpas P. (Kalamazoo, MI, United States)

15:20 | FC 80 | Head and neck feline dermatitis: response to occlacinin treatment
Pandolfi P.*, Beccali L. (Iesi, Italy)

EQUINE SKIN DISEASE
03/06/2015 | 16:30 – 18:00 | ROOM E1+E2
Chair: Kerstin Bergvall

16:30 | FC 81 | A retrospective review of hyperaesthetic leukoerithia in horses
Goodele E.*, White S., Outterbridge C., Everett A., Aflter V. (Davis, CA, United States)

16:40 | FC 82 | IgE cross-reactivity and co-sensitization against flies of genera Culicoides and Simulium in horses with insect bite hypersensitivity
Mas-Fontazo A., Alvarez J.* (Madrid, Spain)

16:50 | FC 83 | Papillomavirus co-infections in equine aural plaques
Borges A.*, Mea J., Herman M., Divo G., Araújo J. P. J., Oliveira-Filho J. P. (Belo Horizonte, Brazil)

17:00 | FC 84 | Increased susceptibility of skin from HERDA (Hereditary Equine Regional Dermal Asthenia)-affected horses to collagenase degradation as a potential mechanism for the clinical signs of HERDA and review of the literature
Rasmussen A. M.*, Lavagnino M., Sedlak A., Gardner K., Abou-El-Enen S. (Laboratory for Comparative Orthopaedic Research, Michigan State University (East Lansing, MI, United States)

17:10 | FC 85 | Dermoscopy in horses: what can be normally observed?
Leggman S. *, Funiciello B., Zimni E., Zanna G. (Grazano con Monticello, Italy)

17:20 | FC 86 | Emollient and appeasing topics as an adjunct of specific treatment of equine insect bite hypersensitivity: results of a pilot study in France
Guillot J.*, Moraru R., Farcas L., Paulet D., Gay-Bataille M. (Maastricht, France)

17:30 | FC 87 | A novel equine papillomavirus associated with generalized papillomatosis in three horses
Langer K.*, Bizukova P., Luff J., Breunhaus B., Nelson E., Mackay R. (North Carolina, United States)

17:40 | FC 88 | Topical treatment of equine aural plaques with nitric acid, potassium nitrate and zinc nitrate solution
Borglund A., Bengtsson K.* (Uppsala, Sweden)

17:50 | FC 89 | The use of serine protease inhibitors in the treatment of equine pemphigus foliaceus
Rasmir A. M.*, McConnico R. (East Lansing, MI, United States)

SKIN DISEASE OF EXOTIC SPECIES
04/06/2015 | 16:30 – 17:15 | ROOM MONTAIGNE A, PULLMAN
Chair: Chris Klinger

16:30 | FC 90 | Ciclosporine responsive alopecia areata in a guinea pig
Praul P., Guillon L.*, Degorce-Rubiales F., Cochet-Favrel N. (Paris, France)

16:40 | FC 91 | A survey of skin disease in captive bats
Fountain K.*, Lloyd D. H., Loeffler A. (Brighton, United Kingdom)

16:50 | FC 92 | Normal flora of the rabbit ear
Paterson S.*, Chitty J., Rafferty A., Shen S. (St. Helen, United Kingdom)

17:00 | FC 93 | Trichophyton porcellae and T. mentagrophytes in guinea pigs: evaluation of epidemiological characteristics from 218 cases.
Bourdeau P.*, Imparato L., Reroth F., Bruet V., Dumont C. (Nantes, France)