Modeling Atopic Dermatitis and its Itch in Dogs

Research emphasis:
Dogs are one of the only animal species that spontaneously develops atopic dermatitis with skin lesions that mirror those of the human disease at clinical, histological, immunological and therapeutic response levels. Our research focus is to characterize the immune response that occurs during early acute canine AD and to test new interventions to prevent the development of experimental or natural AD lesions and their associated itch.

Application:
- Modeling atopic dermatitis and its in dogs
- Dogs with spontaneous atopic dermatitis

Collaboration potential:
- Testing of novel interventions to prevent atopic dermatitis development in dogs
- Characterization of mediators of early acute canine atopic dermatitis
- Characterization of itch pathways in dogs with atopic dermatitis

Selected publications:


