



Cornell University Veterinary Specialists

Canine Clinical Trial



Immunoprofiling to Combat Immune-Mediated Thrombocytopenia

GOALS Autoimmune disease develops when the immune system "goes rogue" and destroys normal healthy cells in the body. Immune Thrombocytopenia (ITP) is a serious bleeding disorder caused by immune destruction of platelets, small blood cells that heal injured blood vessels. The treatment of ITP involves long courses of powerful immunosuppressive drugs that have significant adverse effects and require frequent monitoring.

Our study combines DNA analyses and immune cell profiling to understand the cause of immune-targeted platelet destruction. The results of this research will help veterinarians optimize treatment for each canine patient in order to improve outcomes and minimize treatment side effects.

This study is sponsored by the AKC Canine Health Foundation (CHF), and is a collaboration between researchers and clinicians at Cornell University College of Veterinary Medicine, Cornell University Veterinary Specialists, Iowa State University, and other institutions.

ELIGIBILITY Dogs with severe thrombocytopenia, defined as a platelet count below 50,000/uL, and evidence of immune-mediated platelet destruction, that have not been on corticosteroids for more than 48 hours and has not received immunosuppressive drugs in the past 3 months.

COMPENSATION The study covers the costs of all coagulation testing at the time of diagnosis.

OWNER RESPONSIBILITIES You will be asked to allow collection of a one-time blood sample from your dog at the time of diagnosis of ITP. All subsequent medical therapy and monitoring is performed following standard of care, with no special procedures or therapy dictated by the study.

Interested in
participating?

Principal Investigator:

Marjory Brooks, DVM, DACVIM. Cornell University College of Veterinary Medicine.

Contact:

If you think your pet may be a candidate, please contact CUVS at 203.595.2777. For questions or more information on the study, email the clinical trials coordinator at vet-research@cornell.edu or call [607.253.3060](tel:607.253.3060).