



Microbiome Investigation in Dogs with IMHA or ITP

GOALS Immune-Mediated Hemolytic Anemia (IMHA) and Immune-Mediated Thrombocytopenia (ITP) are common immune diseases in dogs. Studies of other diseases suggest that the bacteria that live in the gastrointestinal tract (the microbiome) may cause autoimmune disorders. This study intends to determine if there is a link between IMHA or ITP and the microbiome. Specifically, we are interested to discover whether dogs with IMHA or ITP have similar microbiomes and if changes in the microbiome can predict recovery or relapse. This information might help doctors identify dogs at risk of developing IMHA or ITP, or at risk of relapse. In addition, this information might enable future studies to target the changes in the microbiome with prebiotics, probiotics or antibiotics.

ELIGIBILITY Any dog seen at the Cornell University Hospital for Animals diagnosed with primary IMHA or ITP without an underlying cause, who have not had more than three days of antimicrobials in the prior two weeks, have not had any antimicrobials administered within the prior five days, and have not had more than three days of immunosuppressive drugs in the prior three weeks.

COMPENSATION The microbiome testing will be performed at no cost to you. In addition, the sponsor will provide: a \$200 credit to your bill at study enrollment, a \$100 credit to your bill at the 2 week recheck, and a \$200 credit to your bill at the 8 week recheck appointment.

OWNER RESPONSIBILITIES A fecal sample and swab of the rectal wall will be collected at admission, 2 weeks, and 8 weeks after starting treatment.

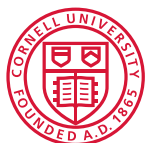


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