



NOW RECRUITING

Canine mast cell tumors – grade 2

The BreenLab at NCSU has identified chromosome changes in cells of canine mast cell tumors that are present in grade 1 or grade 3 cases, but not in both. Some of these chromosome changes are also present in some grade 2 mast cell tumors. Preliminary data suggests that identification of these specific changes will identify grade 2 mast cell tumors that will behave more like either grade 1 or grade 3 tumors. Ultimately these data will help guide clinical management of individual dogs diagnosed with a grade 2 mast cell tumor.

We are now seeking the help of the dog community as follows:

Do you currently have, or have had in the past three years, a dog (any breed) diagnosed with a grade 2 mast cell tumor by biopsy, whether your dog is still alive and well, or succumbed to the cancer?

Are you willing to allow us to include your dog in a research project that aims to identify grade 2 mast cell tumors that behave in a benign or an aggressive manner?

If the answer to the above two questions is yes, please contact info@breenlab.org to find out how you can help.

At this stage all we would need are the following;

- 1) access to the clinical records from your veterinarian relating to your dog's mast cell tumor.
- 2) your permission for us to access the tumor biopsy specimen submitted to your veterinarian's routine pathology laboratory to make the diagnosis.