

Update on Goniodysgenesis Project (Roslin Institute, Kim Summers & Lindsay Farrell)

Earlier this year, we submitted a paper on the inheritance of goniodysgenesis in the Border Collie to a journal for publication. It typically takes between 3-4 months from date of submission to get a reply on the decision of a manuscript. When the decision came back, they requested some edits and also some different genetic analyses.

We have been working on reformatting the paper, incorporating the new analyses requested, thoroughly checking (and re-checking) the robustness of our analysis and the validity of our conclusions, as we are aware it will have significant impact on breeding strategies within the Border Collie. We want to be as confident as possible in our conclusions for the mode of inheritance before publishing and disseminating our results with the breed club. In the midst of this manuscript work, our collaborator and co-author Steve Bishop also recently passed away.

We are now almost done with the revision of the paper and expect it will be re-submitted soon, within the next few weeks. The wait time for a decision again could be another 3-4 months before we hear of a decision from the journal, and then we are likely to have to do some tweaking prior to publication.

We hope the PBHF and breeders understand that at this time we cannot release the results of our work, as it is currently unaccepted by the journal, and thus vulnerable to academic theft from our direct competitors who are working on the exact same disease in several breeds, including the Border Collie. In addition, we do not want to release results until they are fully validated. As soon as we have the paper accepted we will notify the PBHF and provide a summary.