

## **Animal Health Trust/ Kennel Club Give a Dog a Genome (GDG) Project Update October 2017**

We have been advised by the GDG team that they have now reviewed the health concerns we summarised for the Flatcoated Retriever and collated the information. For each condition they have considered a number of factors including:

- Is it a particular concern for the breed?
- Is it highly prevalent in the breed?
- Is there any existing scientific (genetic or clinical) evidence?
- Is it relevant to any of our current areas of interest?
- Is it relevant to the work being conducted by other scientists?
- Is sequencing of a single dog likely to be beneficial or helpful in any way?

After assessing all of the evidence available the team has decided that it will be most useful to sequence the whole genome of a dog with Histiocytic Sarcoma. A DNA sample from a suitable dog has been collected and the sequencing process will now take place. When the sequence data is received the GDG team will update us and liaise with other research collaborators to share their findings.

More information on the project can be found on the GDG website:  
<http://www.aht.org.uk/gdg>

Liz Branscombe Dip AVN(Surgical) RVN  
KC Breed Health Coordinator