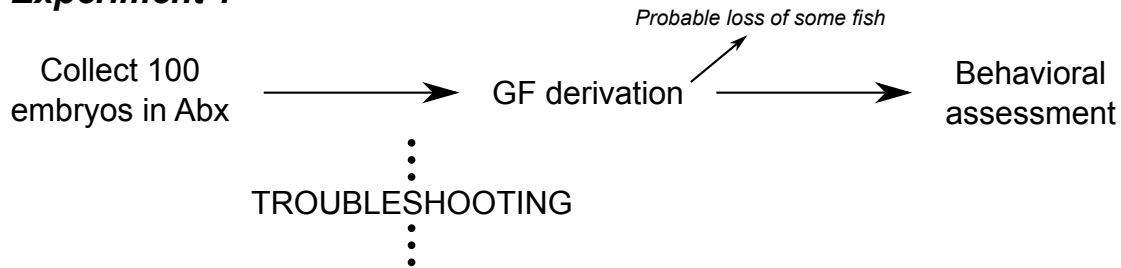
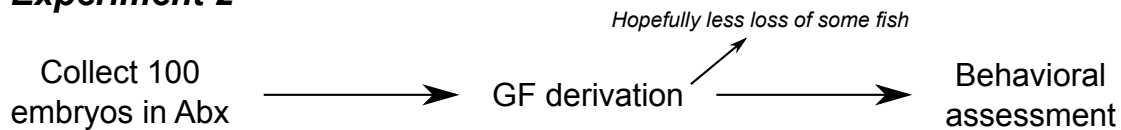


Incorporation of germ free into current pipeline

Experiment 1



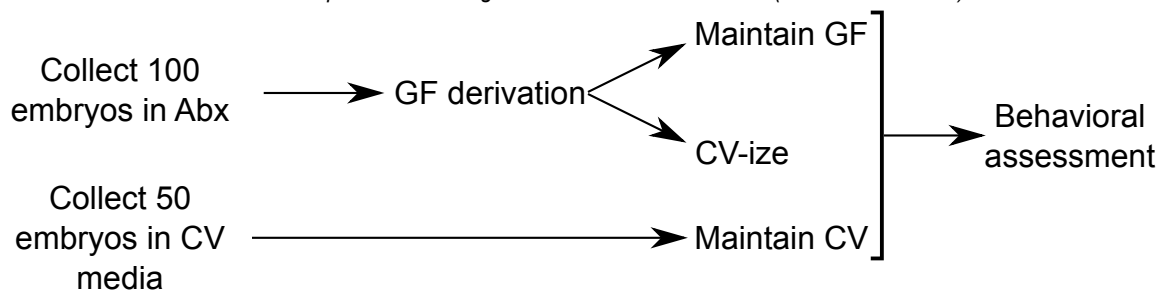
Experiment 2



Comparing behavior of GF vs CV-ized vs CV fish

Experiment 3

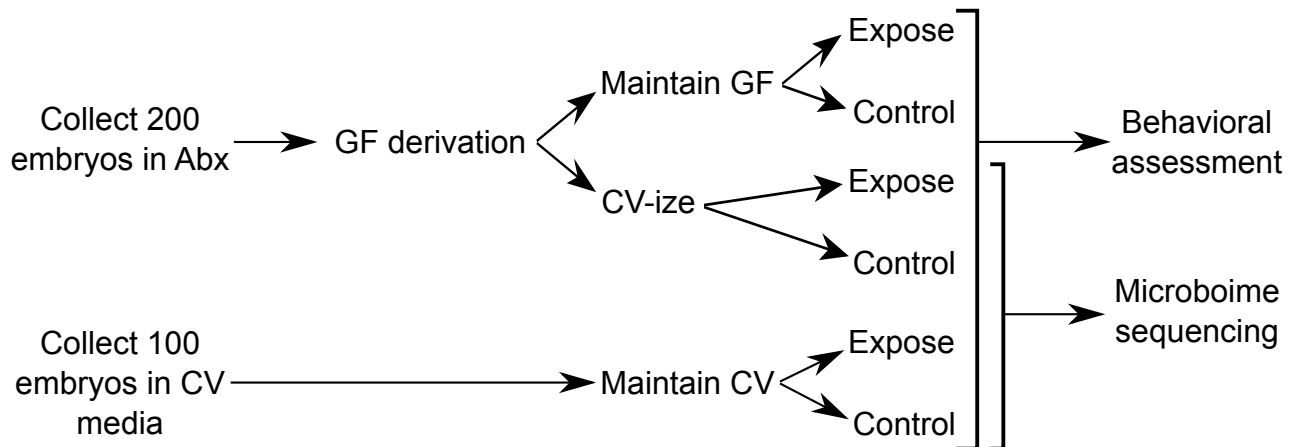
The rationale for this experiment is to determine whether the GF derivation protocol itself might have an affect on behavior (CV vs CV-ized fish).



Comparing behavior of toxin-exposed vs control / GF vs CV-ized fish

Experiment 4

The rationale for this experiment is to determine whether the presence of the microbiome changes how exposure to a toxin (e.g., BaP) affects the behavioral development of the zebrafish



Experiment 5 = Experiment 4?