

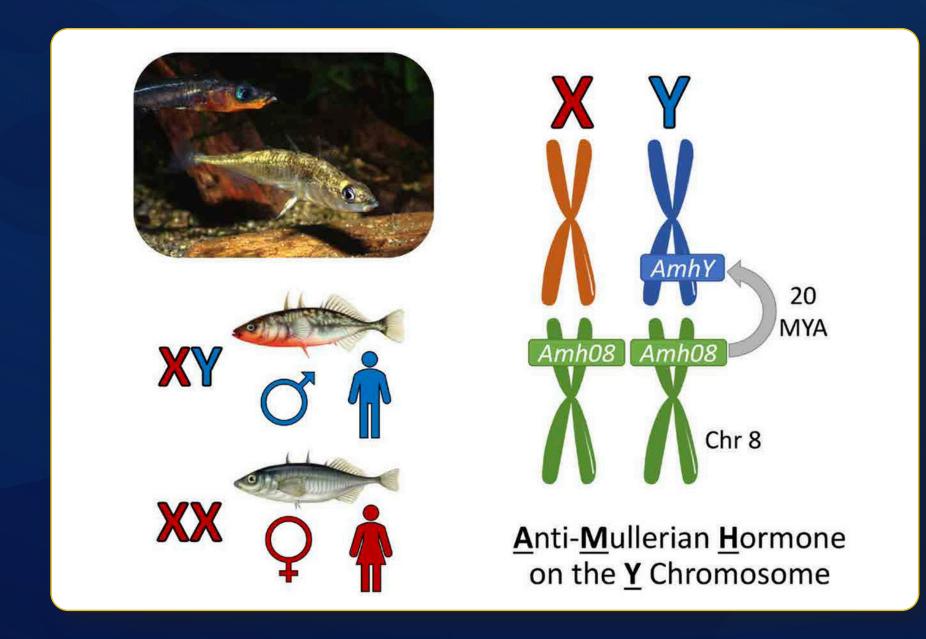
## Matthew Treaster.

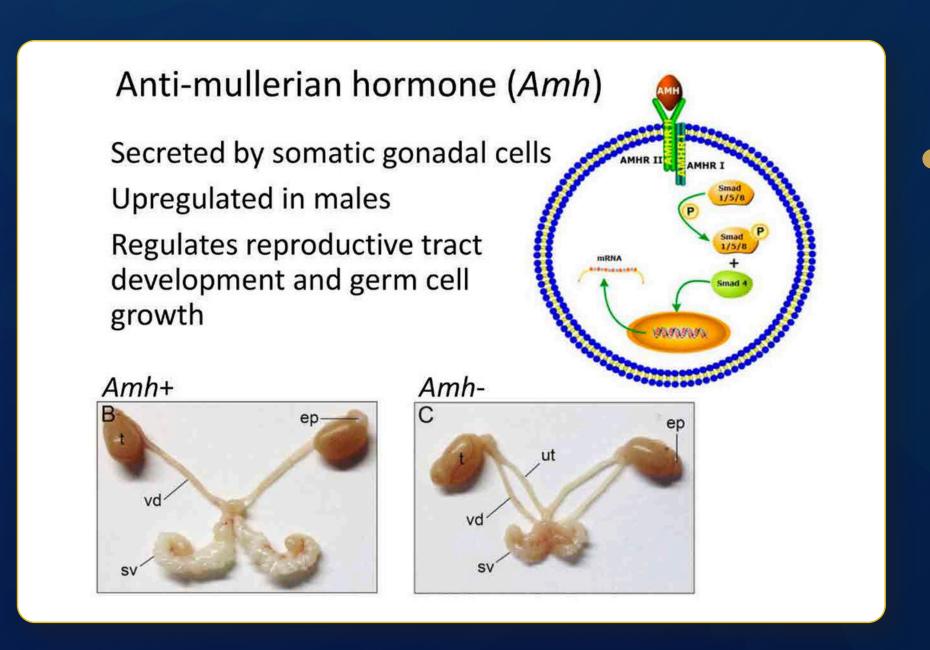
Ph.D. Candidate, Genetics Second Year ARCS Scholar Dick Award

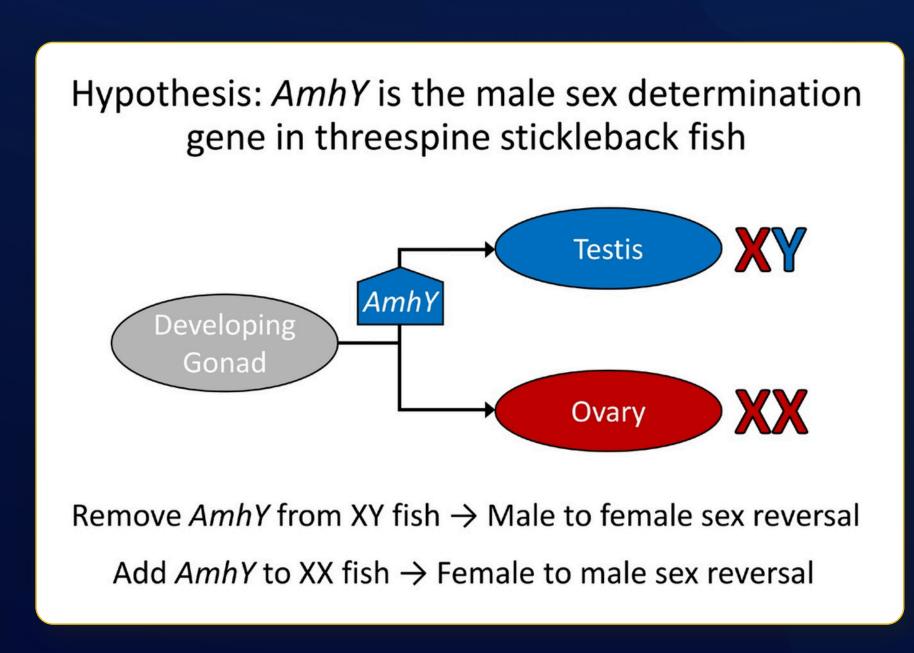


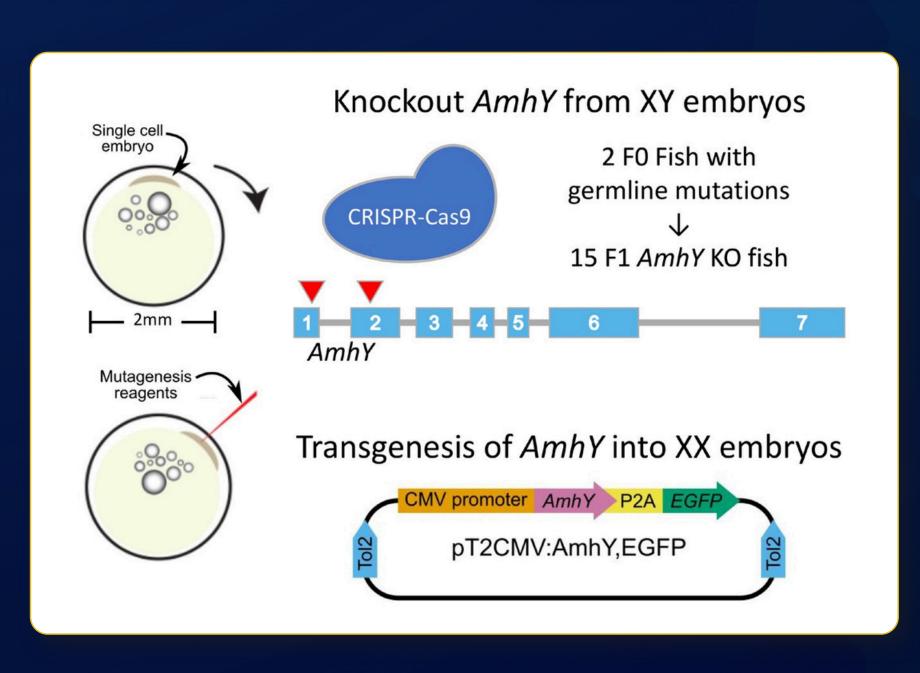
## Functional analysis of the candidate master sex determination gene in threespine stickleback fish

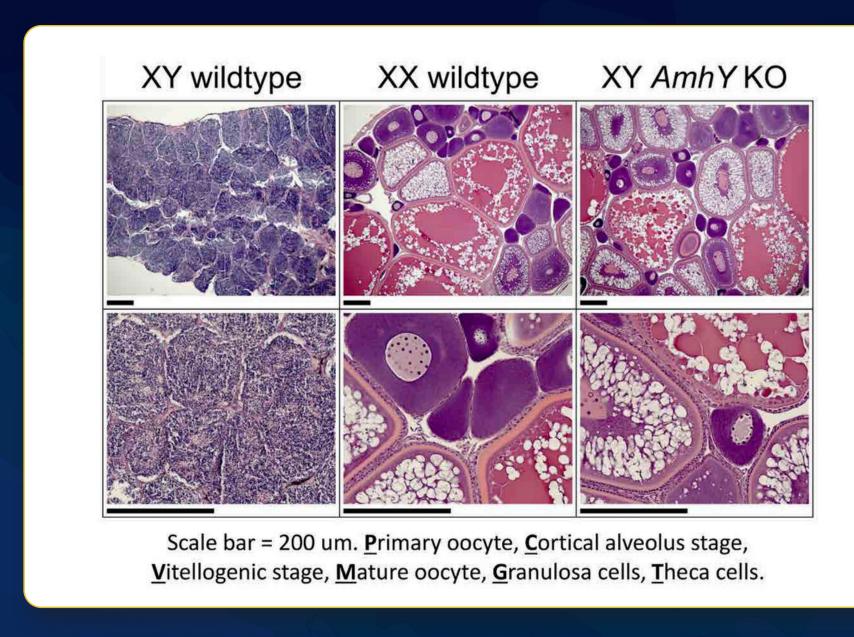
The Y chromosome of threespine stickleback has an additional copy of the gene Amh which we predict is the master sex determination gene in this species. I am using functional genetics tools to test this hypothesis and characterize how Amh controls gonadal development and differentiation at a molecular level.

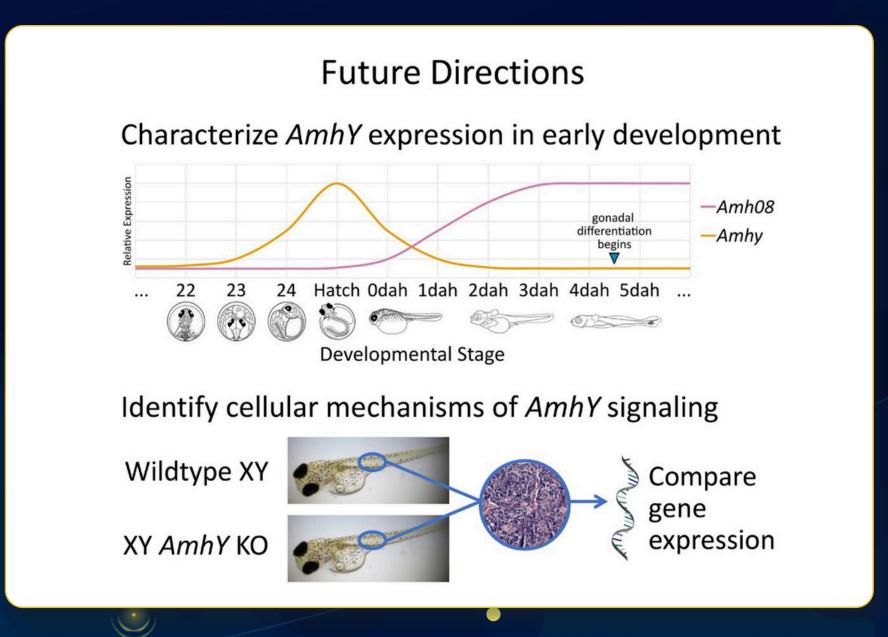












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