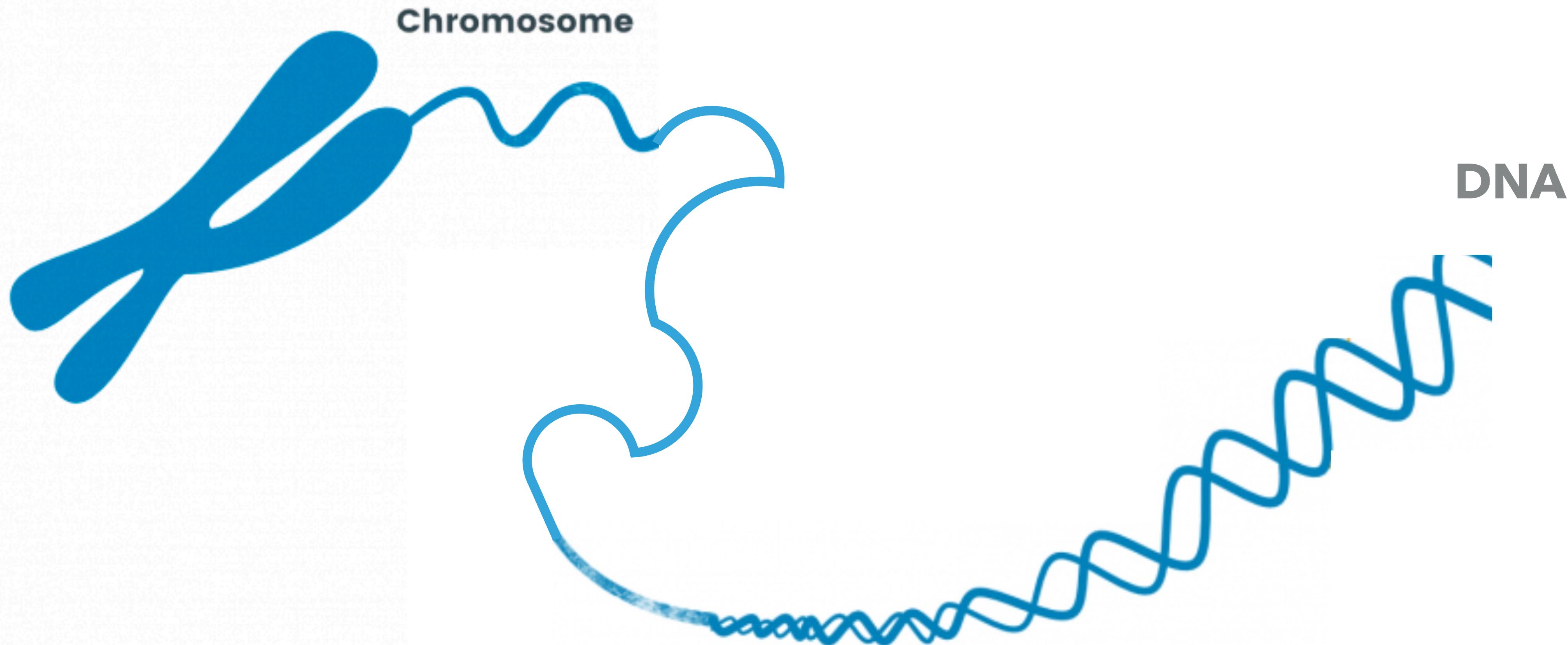




STEVEN B ROBERTS
KENNETH K CHEW ENDOWED ASSOCIATE PROFESSOR
SCHOOL OF AQUATIC AND FISHERY SCIENCES

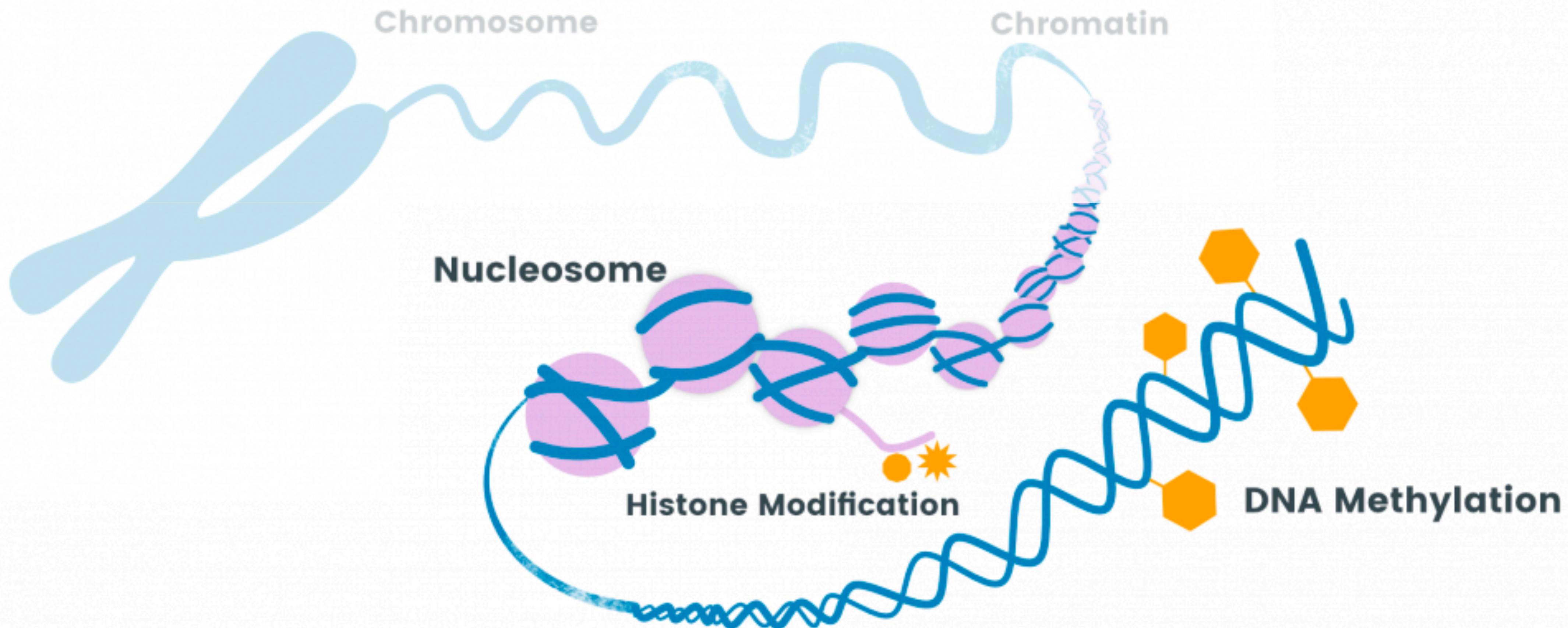
CONSIDERING EPIGENETICS IN AQUATIC SPECIES CULTURE AND CONSERVATION

WHAT IS EPIGENETICS?



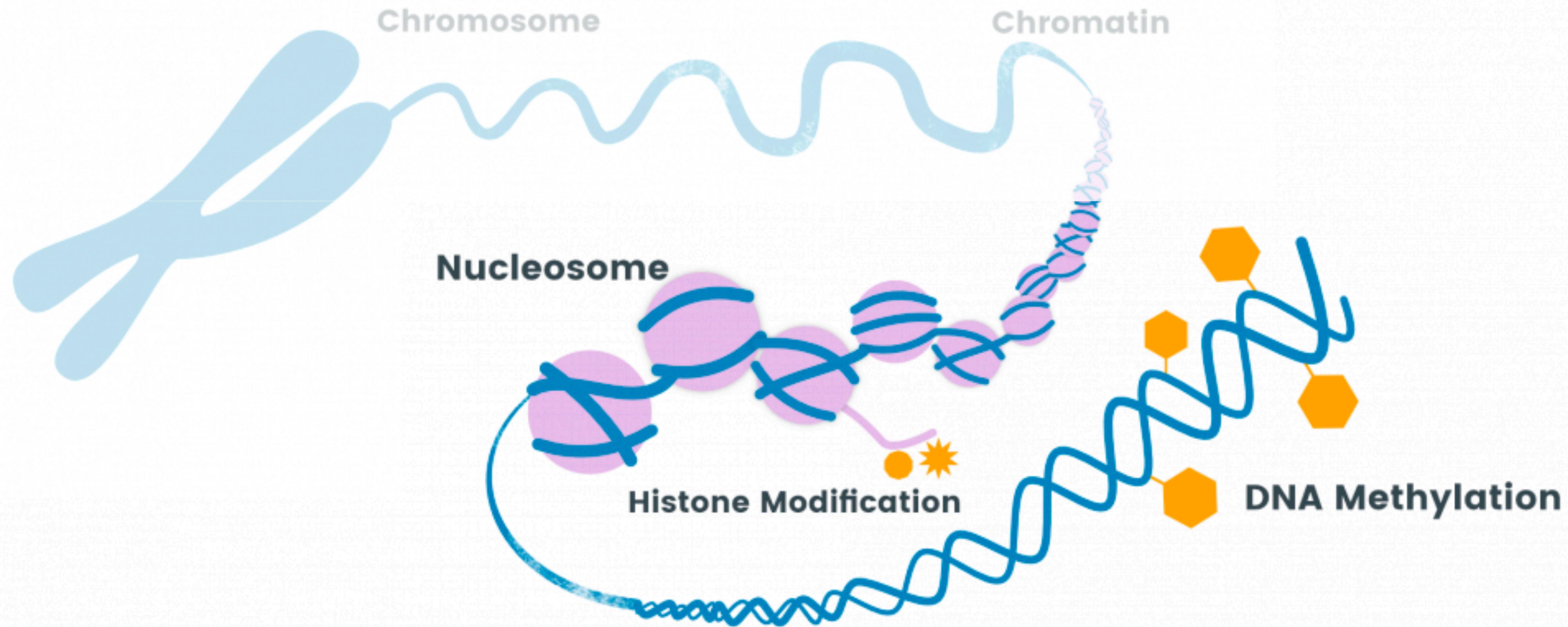
WHAT IS EPIGENETICS?

ALTERS THE PHENOTYPE (WITHOUT CHANGING DNA CODE); HERITABLE

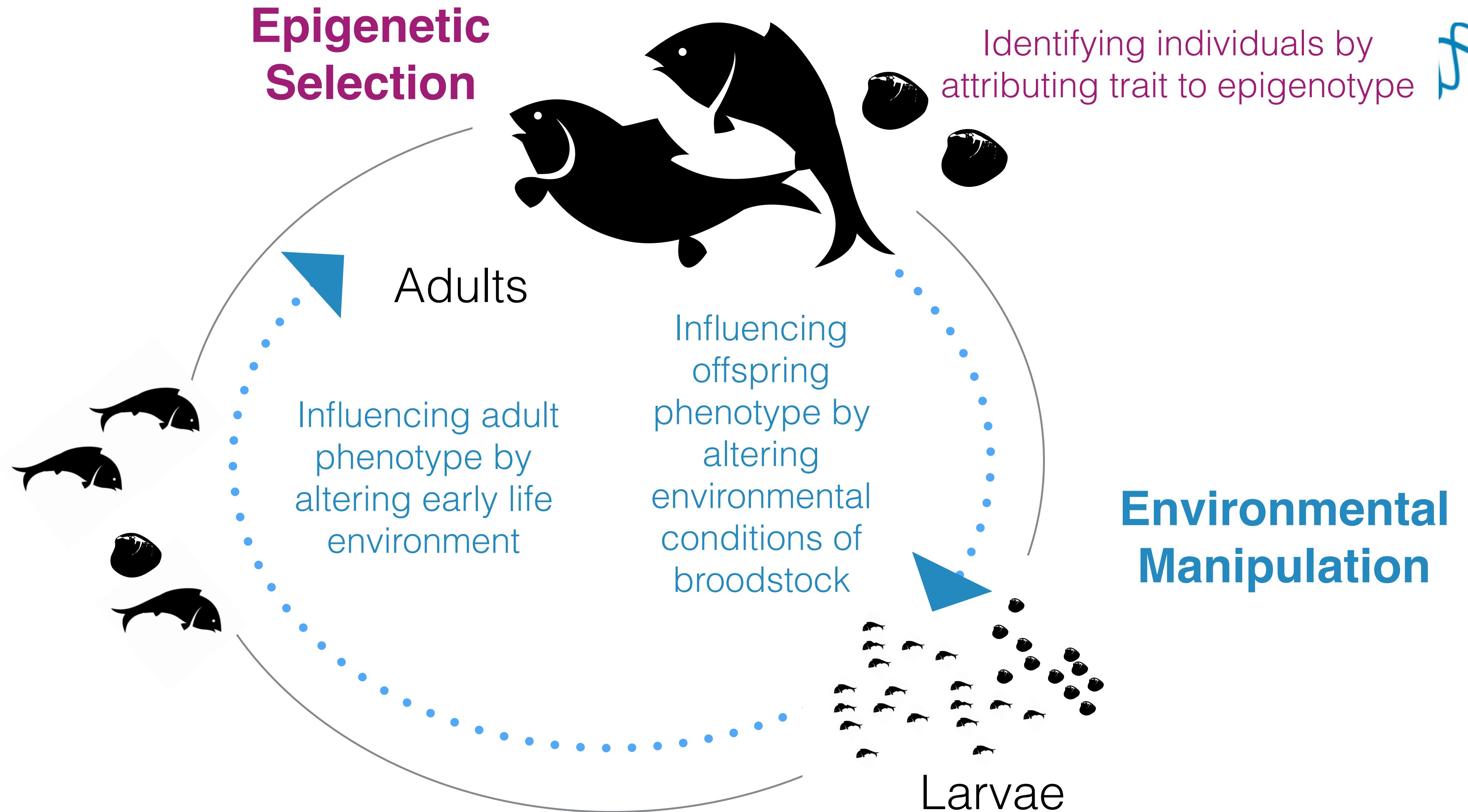


WHAT IS EPIGENETICS?

ALTERS THE PHENOTYPE (WITHOUT CHANGING DNA CODE); HERITABLE



CAN BE INDUCED WITH ENVIRONMENTAL MANIPULATION

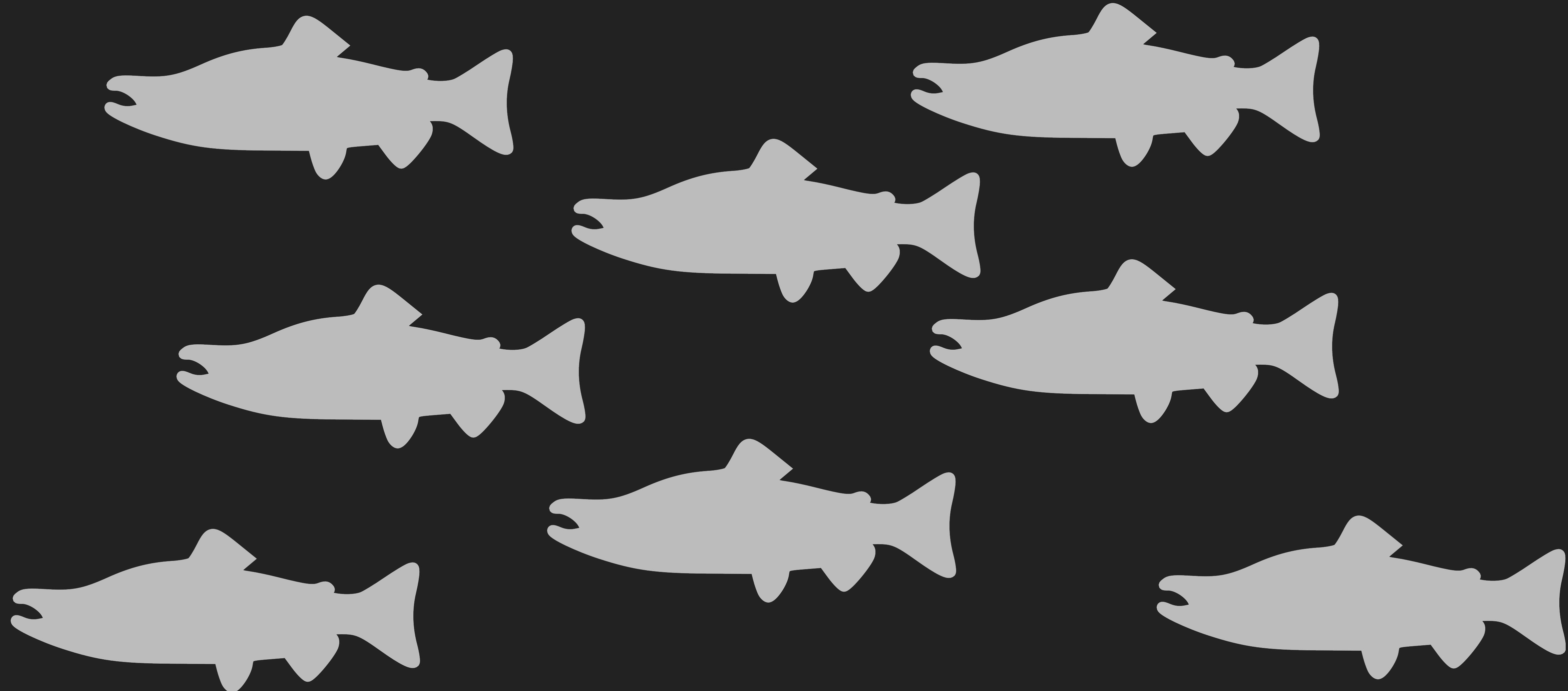


AQUACULTURE

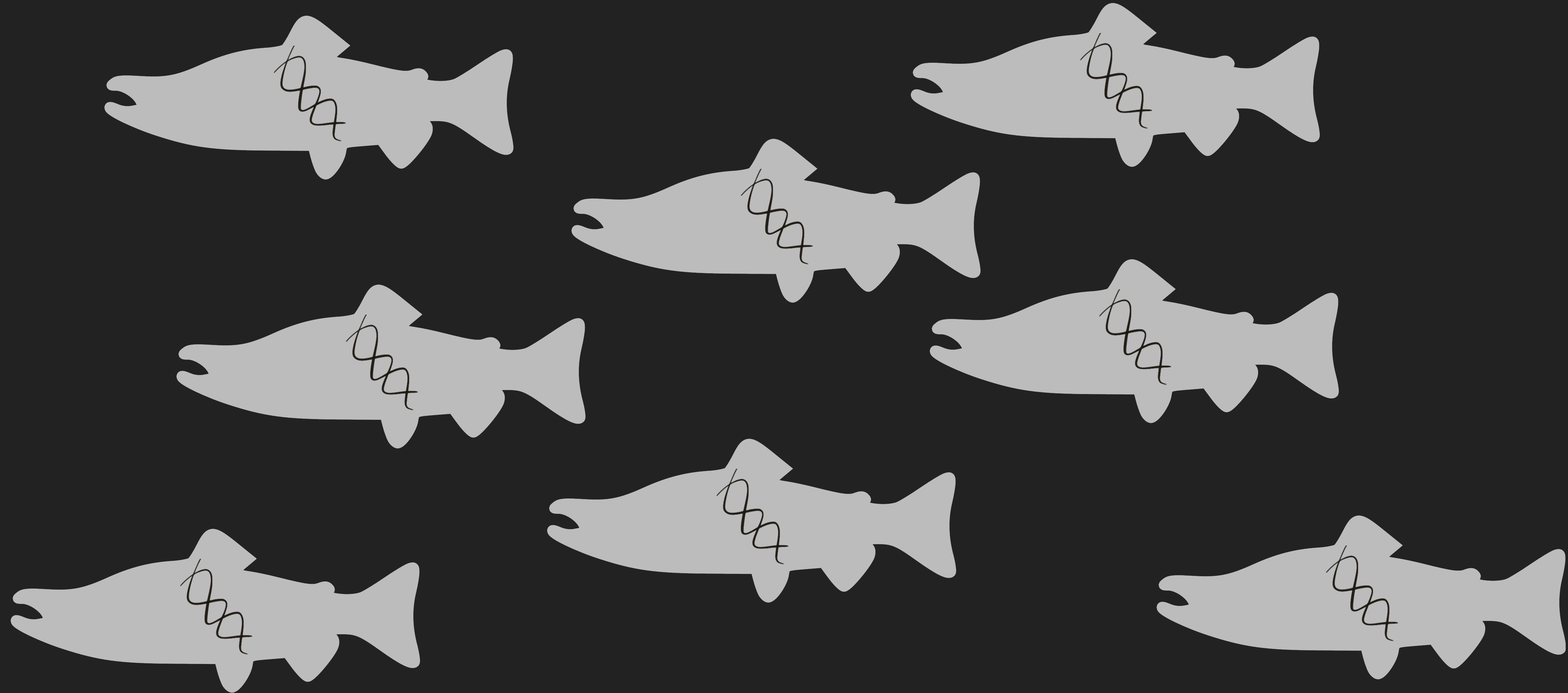
GEODUCK AND ENVIRONMENTAL MEMORY



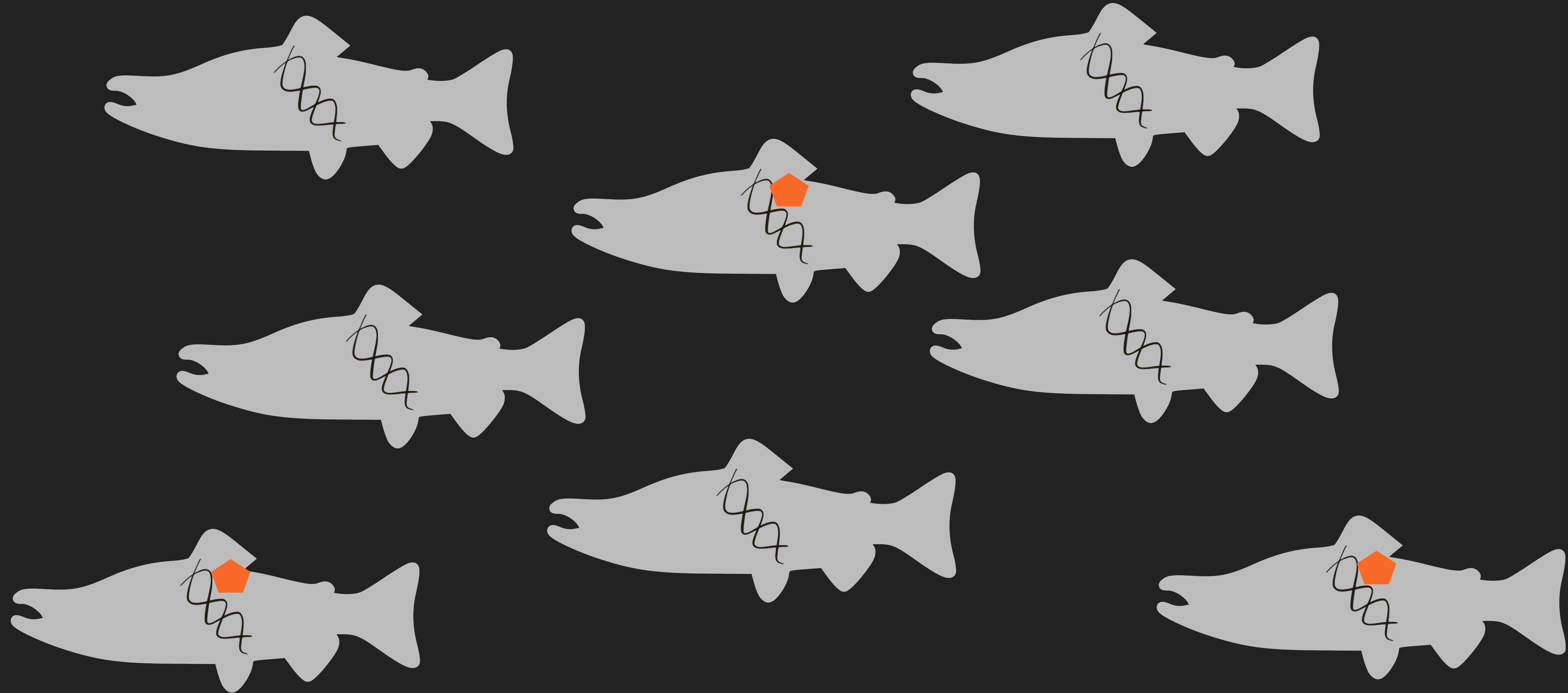
CONSERVATION



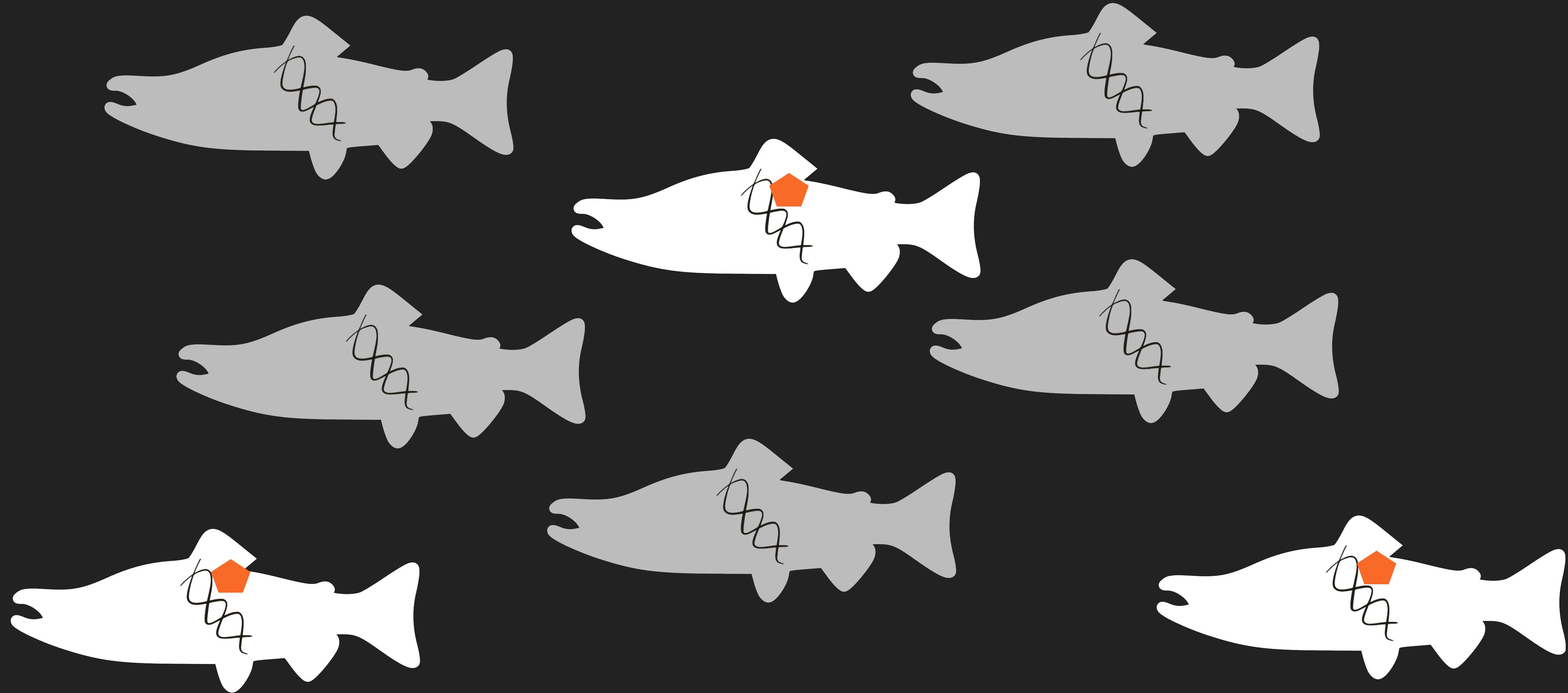
CONSERVATION



CONSERVATION



CONSERVATION



CONSERVATION

STEELHEAD SALMON

Martin Koenig

CONSERVATION

OLYMPIA OYSTER RESTORATION



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