

“Modern genetic and neurobiological approaches to study aggression in Siamese fighting fish”

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Siamese fighting fish (*Betta splendens*) have been selectively bred for improved fighting ability for over 400 generations in multiple parts of Southeast Asia. These fish are now exquisitely aggressive, a behavior driven largely by visual cues. We have developed genomic, genetic, behavioral, and analytical tools to study the genetics and neuroscience of aggression in these fish. Using these resources, we are beginning to uncover interesting insights into the biology of these highly aggressive animals.

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