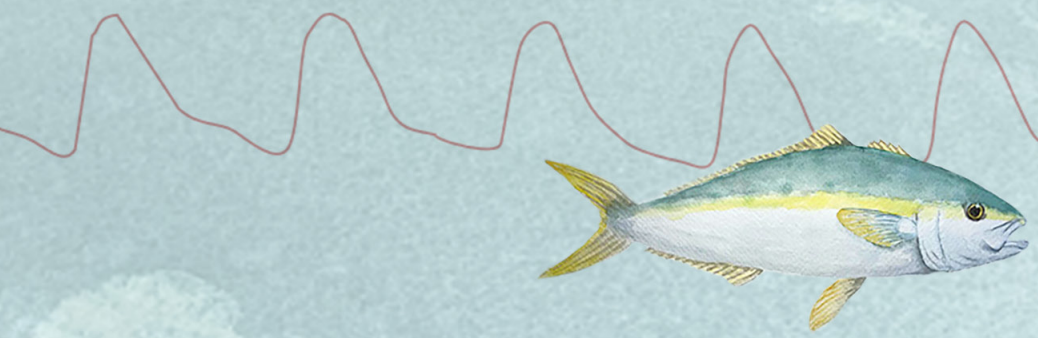
Cardiorespiratory Function of Euryhaline Teleosts

Regulatory Mechanisms, Effects of Warming and Costs of Osmoregulation

Most fish species are able to tolerate only narrow changes in environmental salinity, while euryhaline fish species can survive in a wide range of salinity. This thesis explores the cardiorespiratory responses that allow euryhaline fishes to maintain osmotic homeostasis in different environmental salinities and temperatures as well as the underlying control mechanisms behind these responses.



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