

# **IMMUNE RESPONSE OF MOLLUSKS AFFECTED BY A TEMPERATURE-DEPENDANT VIBRIOSIS : A COMPARATIVE REVIEW.**

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While temperature may influence bacterial virulence and the health of mollusks, the exact mechanisms are not fully understood. Recent findings on mollusks diseases which are dependent on seawater temperature will be presented and possible mechanisms of temperature-inducing virulence in marine pathogens or/and immune-depression in mollusks will be discussed. Depending of the portal of entry and site of invasion, the immune system pathways will be also discussed. Recent studies leveraging on -omics technology, have shed light on the molecular dialogue between hosts and pathogens modulated by temperature.

Key words : Mollusk immunity, gene expression, enzyme activity, vibrio, temperature, maturity

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