



Use of hematological parameters to assess the efficiency of quince (*Cydonia oblonga* Miller) leaf extract in alleviation of the effect of ultraviolet A radiation on African catfish *Clarias gariepinus* (Burchell, 1822)

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Abstract:

The present study aimed to elucidate the negative impacts of UVA on some biochemical and hematological variables of the economically important African catfish, *Clarias gariepinus* and investigates the putative role of quince (*Cydonia oblonga* Miller) leaf extract in protection and/or alleviation of such negative impacts. Changes in the hematological and blood biochemical values often reflect alteration of physiological state. Blood parameters can be useful for the measurement of physiological disturbances in stressed fish and thus provide information about the level of damage in the fish. We found a significant (P

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