

In this issue

Research Article

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Microbial enzymatic activity measurements by fluorogenic substrates: Evidence of inducible enzymes in oligotrophic Mediterranean areas

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Background: In aquatic environments, organic polymers such as proteins, polysaccharides and organic phosphates are cleaved and up taken by microorganisms through the expression of specific enzymes such as Leucine Aminopeptidase (LAP), beta Glucosidase (GLU) and Alkaline Phosphatase (AP), respectively. Microbial enzymatic activities are a fundamental step in the organi ...

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Mini Review

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Viral evolution and Immune responses

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Antiviral responses are activated rapidly after viral infection in order to control and prevent dissemination of the virus. Different pathways are activated in the immune system, including innate and adaptive responses. ...

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