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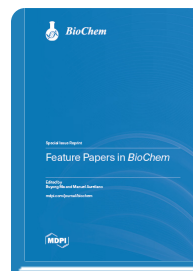
Feature Papers in *BioChem*

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Biochemistry, as an interdisciplinary science, is very dynamic, and its boundaries are very hard to define not only because they are constantly changing but also because they are dependent on the specificities of each time period and scientific environments. Nevertheless, understanding life on earth and human health are long-lasting topics in biochemistry.

This reprint is based on the Special Issue titled “Feature Papers in BioChem”, which included an editorial, six articles, and four reviews. Among the articles, a wide range of topics were addressed, including our understanding of otolith proteomics in Atlantic cod, juvenile idiopathic arthritis’ impact on long-term fertility due to prolonged exposure to immunosuppressive therapies, the role of tricyclic isoquinoline derivatives as antibacterial agents, the production of aromatic compounds in *Pseudomonas putida*, hydrogels made with *Tilapia* fish skin to increase collagen production, and the use of N-Myristoyltransferase inhibitors (NMTi) as a novel antiviral strategy against mammarena viruses. Additionally, the four review papers described the role of oxidative stress in the pathogenesis of the most common gastrointestinal diseases, the biotechnological production of vanillin, non-steroidal anti-inflammatory drug effects in the elderly population, and the biochemical mechanisms and applications of multiple cysteine-based protein ligases.



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