

# Journal of Enzymes for a New Applicable Knowledge

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Journal of Enzymes is a journal of new constitution, which can bring out an improved impulse to the study, research and application of biological molecules, in particular of enzymes.

This journal appears in a context in which increasingly in-depth and advanced knowledge of bioprocess and of scientific and technological innovations is required, in the field of enzymatic and biotechnological engineering.

Enzymes and biological molecules, in fact, in recent years have received much new important growth in their studies, due to their importance and versatility of their utilization. They are used as catalysts in a multiplicity of processes, and actually for their application in the technological and industrial areas are required increasing capacity to be performing in the operating conditions of the processes.

Journal of Enzymes is an open access peer reviewed journal publishing high quality original papers and reviews with characteristic of novelty, in the fields of biochemistry, studies on biomolecules, in particular enzymes, and biotechnology.

Research on basic and applied aspects of biological molecules and, in particular, the development of processes involving the use of enzymes and whole micro-organisms is highly encouraged. Chemical, biological and technological breakthrough in the analysis and application of all bio-molecules and enzymes are in the scope of the journal.

In this context Journal of Enzymes aims to enrich and further develop the investigation of biological molecules, enzymes and their application in advanced technological processes, especially in the perspective of a green and circular economy.

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The hot topic of a journal of enzymes is the study of enzymes under every point of view.

Among the topics of the journal original researches devote at the study of:

- Bioprocesses
- Catalytic mechanisms of enzymes
- Chemical enzyme reaction
- Combinatorial enzyme engineering
- Computation protein design
- Conformational analysis
- Enzyme and biosensor engineering
- Enzyme purification, structure and biochemistry
- Enzyme functional properties
- Enzyme engineering and immobilization
- Enzymology case study
- Enzymology in drug discovery
- Enzymology in food processing & technology
- New analytical techniques
- Rational alteration of enzyme function.

Journal of Enzymes provide new and ever greater knowledge in the bio-molecules and biocatalysts field, both in the basic and applied research aspects. Novel studies are necessary from the perspective of an ever greater exploitation of these molecules in biochemical and biomedical techniques and processes, as well as environmental bioremediation.

In an era in which we are constantly looking for new processes, in the field of both biomedicine and environmental protection, capable of creating new specific solutions to these problems, recent research has turned to the production of new bioactive molecules, biomaterials, and biofuels, as well as biosensors applicable in health care and new important research addresses the field of biomolecular engineering and nanotechnology.