



Immobilization of Enzyme in Polymers

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Deadline for manuscript
submissions:

1 October 2024

Message from the Guest Editor

Dear Colleagues,

Enzyme immobilization is one of the widespread modern industrial biotechnologies. Since the commercial use of the first immobilized enzymes in the 1960s, enzyme immobilization technologies and theories as well as immobilization materials and chemistry have rapid development. The enzyme immobilization allows to achieve more stable, active, and reusable biocatalysts. However, the choice of immobilization matrices is often empirical, and it is needed to be improved and standardized by the application of modern methods such as in silico design, protein and engineering. Also, the rationalization of the immobilization procedure, i.g. pH and temperature, has a significant impact on the activity of the creating catalysts. For many enzymes and , these problems remain unresolved, and this Special Issue is intended to enhance theoretical and practical knowledge in the field of enzyme immobilization on various .

This Special Issue welcomes full papers and short communications highlighting the aspects of the current trends in the area of the enzymes immobilized on .





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Message from the Editor-in-Chief

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