

Special Issue

Advances in Nanotechnology: Nanomaterials and Nanobiocatalyst

Message from the Guest Editor

This Special Issue on “**Advances in Nanotechnology: Nanomaterials and Nanobiocatalysts**” will cover a research topic focused on nanotechnology-based applications, especially nanomaterial and biocatalyst preparation and their potential applications, including biocatalyst immobilization on nanomaterials, protein–inorganic hybrids, biosensor, fuel and chemicals, antimicrobials, biotransformation, biodegradation, etc. The design and selection of suitable nanomaterials for their potential biotechnological applications is a major challenging area. The recent research advances in nanomaterials-based technology include the uses of nanomaterials for antimicrobials, immobilization supports for biocatalysts, biotransformation (value-added products), energy, biosensors, and bioremediation. On the other hand, the synthesis of protein–inorganic hybrid-based nanobiocatalysts has been found effective for efficient biocatalyst immobilization and their biotechnological applications. Prof. Dr. Sanjay K. S. Patel

Guest Editor

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