

## Special Issue

# Molecular Engineering of Viral-Like Particles for Targeted Therapeutic Applications

### Message from the Guest Editor

The study of virus-like particles (VLPs) has unlocked exciting possibilities in targeted therapeutic applications by leveraging the structural properties of viruses—without their infectious components. By harnessing the precision and efficiency of viral mechanisms, researchers aim to create powerful delivery vehicles for a wide array of therapeutics, ranging from small-molecule drugs to complex gene therapies. This innovative field represents a significant leap forward in molecular engineering, merging insights from virology, nanotechnology, biomedicine, and computational biophysics to overcome key challenges in drug delivery, specificity, and off-target effects. With potential applications in oncology, infectious diseases, and gene therapy, VLP technology holds promise for creating more effective and safer treatments. We invite original research papers, perspectives, and reviews for this Special Issue, which will showcase the latest advances in VLP design and lay the groundwork for future breakthroughs in precision medicine.

### Guest Editor

Dr. Rita Melo

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### Deadline for manuscript submissions

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### Message from the Editor-in-Chief

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