

Special Issue

Plant-Derived Extracellular Vesicles in Cancer Therapeutics and Drug Delivery

Message from the Guest Editors

Plant-derived extracellular vesicles (PDEVs) offer a novel and biocompatible approach for cancer therapy, functioning as naturally occurring nanoparticles that deliver therapeutic molecules directly to cancer cells.

Their natural composition reduces off-target effects and enhances patient outcomes, making them a promising tool in oncology. This Special Issue will focus on the latest advancements in PDEVs, highlighting their natural advantages, tumor-targeting capabilities, and innovative applications in cancer therapeutics. This Special Issue seeks to gather research and reviews that emphasize the natural properties, mechanisms of action, and clinical relevance of PDEVs in cancer therapy. The goal is to compile a comprehensive collection of articles that showcase the unique potential of PDEVs. The suggested themes for this Special Issue will include the following:

- Biocompatibility and safety of PDEVs;
- Tumor-targeting mechanisms;
- Engineering and characterization;
- Comparative analysis with synthetic nanoparticles;
- Preclinical/clinical efficacy.

We look forward to receiving your contributions.

Guest Editors

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