

## Special Issue

# The Development of Drug Delivery Systems and Pharmaceutical Formulations for the Treatment of Infectious Diseases

### Message from the Guest Editors

This Special Issue focuses on the development of innovative drug delivery systems (DDSs) and pharmaceutical formulations to optimize the treatment of infectious diseases, with an emphasis on bacterial, viral, and parasitic infections. It highlights advanced DDS technologies, including polymer-based systems, nanocarriers, and emerging platforms, aimed at enhancing therapeutic efficacy, stability, and targeted drug delivery. Particular attention is given to the application of polymers in formulations designed for controlled, sustained, or targeted release, addressing challenges posed by multidrug-resistant pathogens and difficult-to-treat infections. This Special Issue also explores cutting-edge advances in nanoformulations, liposomal carriers, and biocompatible materials that improve drug penetration, reduce toxicity, and enable site-specific delivery. By bringing together the latest research, this Special Issue underscores the potential of these technologies to tackle the growing challenges of infectious diseases, enhance clinical outcomes, and combat emerging threats, including parasitic infections.

### Guest Editors

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