

Special Issue

Fighting Fungal Infections: Emerging Nanosystems Strategies

Message from the Guest Editors

The treatment of fungal infections is a challenge for both medical and scientific communities. The lack of selectivity, associated side effects, and the limited spectrum of antifungal agents, as well as the emergence of new virulent and drug-resistant fungi, justify the search for new drugs and the development of novel formulations. Nanosystems have gained prominence as alternatives to overcome the limitations of conventional formulations in the therapy and delivery of antifungal agents; Furthermore, the development of antifungal encapsulating technologies enables controlled drug release while protecting the active principle, preventing its off-target toxicity and degradation. Nanosystems can also be used in the development of vaccines against fungal infections. This Special Issue aims to present a collection of studies describing recent advances in the development of nanosystems approaches suited for antifungal therapy and prophylaxis, as well as those highlighting the benefits and drawbacks of nanoscale solutions when multiple routes of administration are considered.

Guest Editors

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