

Special Issue

Delivery Systems of Live Biotherapeutics

Message from the Guest Editors

Recent developments in our knowledge and understanding of the role of microbiota in human health has renewed the interest in microbial medicinal products. Among these are live biotherapeutic (LBP) products, which have been defined by both the United States Food and Drug Administration and the European Pharmacopeia as live organisms (comprising symbionts and engineered strains) used to treat, cure, or prevent a disease or condition in humans. Therefore, cell viability and stability from production to administration is of crucial importance. The effective delivery and targeting of LBPs pose significant challenges given their certain level of sensitivity to solvents, temperature, oxygen, or acidic conditions. The aim of this Special Issue is to draw together experts with knowledge on the oral, topical, or vaginal delivery of LBPs. Submissions (original papers and reviews) that contribute to the understanding and provision of relevant applications for LBP delivery and stabilization strategies are welcomed.

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Editor-in-Chief

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