Special Issue

Applications of Surfactants in Pharmaceutical Formulation/Drug Product Development

Message from the Guest Editors

In pharmaceutical formulation/drug product development, surfactants play a crucial role as excipients. The application of surfactants is found to be ubiquitary in biologic products. Several biologics such as vaccines, monoclonal antibodies, mRNA therapeutics, and gene-therapy-related products show enhanced stability in the presence of surfactants. Furthermore, formulations such as amorphous solid dispersions (ASDs) that contain surfactants have an easier processability in the case of the hot-melt extrusion process. The limitations of surfactants, such as their peroxide stability issues (biologics) and the recrystalization (ASDs) of formulations, need to be thoroughly investigated. Recent advances in this area of research have shown the potential use of surfactants in delivery to stabilize a variety of biopharmaceuticals. In this Special Issue of *Pharmaceuticals*, the focus will be on surfactant applications for biologics, amorphous solid dispersions, suspensions, emulsions, microspheres, and other pharmaceutical applications.

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Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*. *Pharmaceuticals* is characterized by an active editorial board and a dynamic editorial staff. Manuscripts are peer-reviewed and a final decision is provided to authors within 4–6 weeks after submission. Papers are published on the web immediately after acceptance. For details on the submission process or any other matter, please do not hesitate to contact us.

We hope to handle your contribution to *Pharmaceuticals* soon.

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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