

Special Issue

Biosurfactants in Cosmetic Formulations

Message from the Guest Editor

In recent years, an increasing trend in the use of natural ingredients in the cosmetic and personal care industry in order to obtain more green and biocompatible cosmetic formulations has been observed. In this sense, biosurfactants, also known as microbial surfactants, are surface-active compounds used in cosmetics (such as in soap, shampoo, toothpaste, deodorant, skin care, perfume, make-up, among other products) due to their detergency, emulsification, dispersion, solubilization of hydrophobic substrates, wetting, foaming, and ability to modify surfaces, among other possible activities or roles.

This Special Issue focuses on: (i) the applicability of biosurfactants in cosmetics and personal care formulations, (ii) the benefits of biosurfactant usage for cosmetic applications in comparison with the chemically synthesized ones (surfactants), (iii) the impact on health of these active-surface compounds by means of toxicity or cytotoxicity tests, and (iv) the cosmetic regulatory perspectives for these natural detergents.

Guest Editor

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