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Microbiotechnology in Cosmetics, Pharmaceuticals and Food

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Message from the Guest Editor

Dear Colleagues,

Microorganisms are the most important group of organisms on our planet, conquering almost every conceivable space on Earth. Microbiological processes play significant roles in the current and future food, cosmetic and pharmaceutical global industries. This Special Issue focuses on research studies devoted to the discovery, study, mechanistic understanding and exploitation of microorganisms in food, cosmetic and pharmaceutical domains.

The design of preservative systems that provide good protection to cosmetic and food products against microbial contamination is extremely important, as contamination can result in the conversion of these goods into products that are hazardous to consumers. Research into new molecules with biocide action but also good compatibility (from a toxicological point of view), the synergism and antagonism analysis of preservative blends and the search for fast, reliable methods to detect microbial contamination is of great interest in the cosmetic industry.

This Special Issue welcomes fundamental research and applied investigations in all of these areas of focus.

Dr. Alexandra Cristina Blaga



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Special Issue



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Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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