# **Special Issue**

# Micro-/Nano-Bubble Generators

## Message from the Guest Editor

The generation and application of micro- and nano-bubbles have attracted growing attention in recent years, particularly in the context of water treatment, chemical processing, and green engineering. This Special Issue of *Micromachines* aims to highlight the latest advancements in micro-/nano-bubble generation technologies and their integration into sustainable and efficient processes. We invite original research and review articles that explore novel bubble generator designs, theoretical models, experimental investigations, and real-world applications. Topics of interest include, but are not limited to, bubble-enhanced mass transfer, membrane filtration, advanced oxidation processes, and the role of microbubbles in life cycle engineering.

As a researcher involved in the development of innovative bubble generation systems and their environmental applications, I look forward to curating contributions that bridge engineering, sustainability, and applied science. We welcome submissions from diverse disciplines and encourage interdisciplinary approaches that can inspire new collaborations and drive forward the field of micro-/nano-bubble technology.

#### **Guest Editor**

Prof. Dr. Dorith Tayor

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## Deadline for manuscript submissions

28 February 2026



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# Message from the Editor-in-Chief

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#### Editor-in-Chief

Prof. Dr. Ai-Qun Liu

Department of Electrical and Electronic Engineering, The Hong Kong Polytechnic University, Hong Kong, China

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