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Advances in Micro/Nano Systems for Blood Analysis and Intravascular Applications

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Message from the Guest Editors

Dear Colleagues,

Micro/nano systems have engendered significant advancements in intravascular applications, offering innovative solutions for the diagnosis, treatment, and management of various cardiovascular diseases. With the development of innovative technologies, these systems provide precise control and manipulation, thus promoting the generation of novel insights and targeted therapies for conditions such as thrombosis, atherosclerosis, and vascular malformations.

This Special Issue seeks to highlight recent progress in micro/nano systems for intravascular applications. We welcome the submission of research papers, communications, and review articles that focus on novel methodological developments, clinical applications, and the integration of these systems into existing medical practices. The scope of this Special Issue includes, but is not limited to, microfluidic devices for blood flow analysis, micro/nano systems for targeted drug delivery, biosensors for the real-time monitoring of vascular health, and the role of micro/nano systems in personalized medicine.

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Dr. Xingping Quan
Guest Editors



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Special *Issue*



Editor-in-Chief

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