



Liquid Metal Enabled Bio-Related Applications

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Message from the Guest Editors

Liquid metals, such as gallium and gallium-based alloys, are a special family of materials that simultaneously possess both metallic and fluidic properties. They exhibit numerous unique and attractive properties, such as low viscosity, high surface tension, good fluidity, and high electrical/thermal conductivity, and most importantly, are much less toxic in comparison with their more hazardous counterpart—mercury.

Liquid metals provide an extraordinary combination of deformability, flexibility, multifunctionality, and biocompatibility, rendering them promising candidates for a wide range of bio-related applications that cannot be achieved using conventional materials. It is therefore necessary to solicit recent advances in the research of liquid metal-enabled bio-related applications to revolutionize the future of this material.

In this Special Issue of *Biosensors*, we seek the state-of-the-art research and development efforts in the exploration of bio-related applications of liquid metals. Both original article and review submissions are welcome.





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Message from the Editor-in-Chief

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