



Recent Advancement in Biological Microelectromechanical Systems (BioMEMS) and Biomimetic Coatings

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Message from the Guest Editors

Dear Colleagues,

It is my great pleasure to announce this Special Issue on “Recent Advancement in Biological Microelectromechanical Systems (BioMEMS) and Biomimetic Coatings”, which will be published in *Coatings* this year. This Special Issue provides a platform to share knowledge around unsurpassed networking and relationship-building opportunities by presenting and discussing topics including but not limited to:

- Lab-on-a-chip (LOC);
- Microfluidic devices;
- Micrototal analysis system (μ TAS);
- Organic materials and devices coatings;
- Self-assembly hybrid materials coatings;
- Biointerfaces;
- Bioelectronics and biosensors;
- Electrospinning coatings;
- Plasma treatment;
- The relationship between structure, properties, and biological materials applications.





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Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

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