

Functional Materials, Coatings, and Systems for Bioelectronics

Guest Editor:

Prof. Sang Min Won

Department of Electrical and
Computer Engineering,
Sungkyunkwan University
(SKKU), Suwon, Republic of
Korea

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Message from the Guest Editor

Modern electronic devices with excellent flexibility carry tremendous promise in the field of bioelectronics as they can conformally integrate with the human body, a valuable feature for unique therapeutic or diagnostic intervention. This Special Issue will consider the fabrication, properties, and applications of such systems, including multimodal skin-interfaced technologies, wireless implantable electronics, geometry to integrate dynamic surfaces, materials for long-term operation in the body, and novel electrode design for clear signal collection. The theme is broad enough to cover all aspects, from materials to the device system, and to discuss their form and the engineering structures integrated into them.



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Special Issue

Editors-in-Chief

Prof. Dr. Wei Pan

State Key Laboratory of New
Ceramics and Fine Processing,
School of Materials Science &
Engineering, Tsinghua University,
Beijing 100084, China

Dr. Emerson Coy

NanoBioMedical Centre, Adam
Mickiewicz University in Poznań,
ul. Wszechnicy Piastowskiej 3, 61-
614 Poznań, Poland

Message from the Editorial Board

Now more than ever, research is called for to produce technologies and improve knowledge 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 at the center of most contemporary research. Surface science and engineering play a key role in this regard. Refining surfaces and their modifications provides new materials, architectures and processes with a huge potential to aid most societal challenges. *Coatings* is a well-established, peer-reviewed, online journal that focuses on the dissemination of publications in the field of surface science and engineering. *Coatings* publishes original research articles that report cutting-edge results and review papers on the hottest topics.

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Coatings Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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