



Selected Papers from “Biomaterials International 2024”

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Message from the Guest Editors

Dear Colleagues,

The Special Issue aims to consolidate a selection of scientific publications covering the foundational topics introduced during the Biomaterials International (BMI) 2024 conference, held in Bangkok from June 30 to July 4, 2024 (<https://www.biomaterials.tw/>).

These publications will span various scientific disciplines, including biology, physiology, materials science, physics, chemistry, engineering, and clinical science, all related to biomaterials, methods, and approaches. In addition, several collections within the Special Issue will focus on the application of biomaterials in areas such as biomechanics, biosensors, biochips, and biomedical optoelectronics. Our objective is to seize this opportunity to offer readers a comprehensive overview of the latest research and development in biomaterials by summarizing the presented outcomes in one accessible location.

Prof. Dr. Shih-Jung Liu

Dr. Chen-Hung Lee

Guest Editors





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Editor-in-Chief

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Message from the Editor-in-Chief

The biomaterials field is one of the largest and fastest growing research areas both in the scientific community and in the industrial one. Biomaterials are the result of collaborations between different disciplines: chemistry, medicine, pharmacology, engineering and biology. The objective of this collaboration is to lead to the implementation of new devices to restore form and human body functions. The mission of the *Journal of Functional Biomaterials (JFB)* is to focus attention on physico-chemical characteristics and their importance in the interactions between biomaterials and living tissues. *JFB* seeks to publish studies on the preparation, performance and use of biomaterials in biomedical devices, as well as regarding their behavior in physiological environments. We are pleased to welcome you as our authors.

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