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# **Advanced Electronic Devices for Biomedical Applications**

Guest Editor:

### Dr. Hanjun Ryu

Department of Advanced Materials Engineering, Chung-Ang University, Anseong, Republic of Korea

Deadline for manuscript submissions:

closed (20 April 2024)

# **Message from the Guest Editor**

This Special Issue aims to provide a wide range of recent research of advanced electronic devices for biomedical applications; not only development of wearable electronic devices and implantable biomedical devices, but also an energy solution of wearable and implantable electronic devices

Bioresorbable materials are particulary interesting for implantable electrostimulation platforms for temporal medical treatment, which can bypass a post-retrieval surgery. For example, the study of nurve/wound electrostimulation can accelerate recovery of wounded region, which are beneficial for the society. The proper closed-loop systems can realize highly advanced biomedical applications, which can facilitate telemedicine to improve the patient wellness.

Batteries are one of the most promising energy sources for wearable/implantable systems. Energy harvesting devices are also another candidate to recharge/operate the electronic wearable/implantable devices, which can extend lifetime of biomedical devices. Wireless energy transfer system may the other opportunity to develop advanced biomedical applications.













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### **Editor-in-Chief**

#### Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

# **Message from the Editor-in-Chief**

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