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Smart Bandage Technology for Healthcare

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Deadline for manuscript submissions:

closed (1 September 2020)

Message from the Guest Editors

The aim of this Special Issue is to collect recent advances in smart bandage technologies for healthcare. We welcome all original, unpublished work in both paper and letter format, as well as review articles, addressing research in smart bandage technologies. Topics of interest include, but are not limited to, the following:

- Smart sensors, power supply and communications for smart bandages;
- Smart textiles, e-textiles, wearable electronics, flexible electronics, energy harvesting research related to smart bandages;
- Smart bandage fabrication, assembly and manufacturing methods, system integration;
- Sensors of use in smart bandages;
- Actuators for wound healing, stimulation, and wound hygiene management.
- Smart systems for wound management and wound condition modelling;
- Internet of Things advances relevant to smart bandages;
- Battery-free smart bandage systems and wireless systems for smart bandages;
- Active, passive, and interactive dressings for smart bandages;
- Smart bandage system integration and advanced fabrication methods to realise smart bandages.



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Special Issue



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Message from the Editor-in-Chief

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