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Polymeric Nanocomposites or Functional Polymers for Flexible Sensor

Guest Editor:

Dr. Chang-Soo Lee
Bionanotechnology Research Center, Korea Research Institute of Bioscience & Biotechnology (KRIBB), Daejeon 34141, Republic of Korea

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Message from the Guest Editor

This Special Issue aims to underscore the polymeric nanocomposites used for designing a particular system, including the network protocols and different types of activities being monitored and highlight the various types and unique properties of polymeric nanocomposites, along with specific examples of their applications in electronic sensors. We hope that this Special Issue will provide fundamental knowledge of using polymeric nanocomposites in flexible sensor technologies. The main topics are as follows:

- Preparation, formation, and synthesis of polymer nanocomposites;
- Physical and chemical properties of nanostructured polymers;
- Fabrication methods of the polymeric nanocomposites for biosensors;
- Chemical and physical surface modification of polymeric nanocomposites;
- Next-generation polymeric nanocomposites-based flexible sensor;
- Integration process of polymeric nanocomposites-based biosensors into smart devices and their point-of-care test;
- Polymer nanocomposites in future biomedical application;
- Multi-functional polymer-based nanocomposites;
- Advanced polymer composites for electrical 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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Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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