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Micro and Nanotechnologies in Biomedicines

Guest Editor:

Prof. Dr. Mario Moisés Alvarez

Tecnológico de Monterrey,
Monterrey, Mexico

Message from the Guest Editor

Dear Colleagues,

In this Special Issue, we will select a set of contributions that illustrate the use of micro- and nano-technologies in diagnostic, preventive, and therapeutic scenarios.

Deadline for manuscript
submissions:

closed (31 December 2020)

Some of the topics that clearly fit into this scope are as follows:

- The development of point-of-care systems based on micro- and nano-technologies
- Micro- and nano-sensing strategies for medical applications
- Development and characterization of micro- and nano-structured materials for biomedical applications
- Wearable technologies for the continuous assessment of health conditions
- Microfluidics tools to diagnose or model diseases
- Micro- and nano-fabrication strategies to develop micro-tissues (including 3D bioprinting)
- Organ-on-chip applications (with or without a nanotechnology component)
- Micro- and nano-technologies for drug development
- Nanovaccine technology
- Synthesis and evaluation of nanoparticles for biomedical applications

It is my pleasure to invite you to submit your manuscript for this Special Issue. Full papers, communications, and reviews are all very welcome.

Prof. Mario Moisés Alvarez

Guest Editor



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Special Issue



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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, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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