Call for Papers for Special Issue on “Biomedical Engineering Innovations for Coronavirus COVID-19”

A recent pandemic of coronavirus (SARS-COV-2) declared in March 11th 2020 by the World Health Organization (WHO) has resulted in thousands of confirmed cases and deceased people around the world. The outbreak sickness COVID-19 can rapidly spread by infectious agents, compromise the health of thousands of people and saturate health public services. Important biomedical engineering contributions have been emerged in the fields of image processing, cardiorespiratory instrumentation, 3D printing, biosensors and clinical engineering. This call for papers on “Biomedical Engineering innovations for Coronavirus COVID-19” is intended to offer a channel of diffusion of the outstanding contributions in the field of Biomedical Engineering to face the current health contingency due to COVID-19. Authors are encouraged to submit their articles addressing biomedical engineering innovations as contributions to improve prevention, clinical diagnosis and treatment. This call is coordinated by the editorial board of the Mexican Journal of Biomedical Engineering, an official scientific publication of the Mexican Society of Biomedical Engineering (SOMIB). [http://www.rmib.mx/index.php/rmib](http://www.rmib.mx/index.php/rmib) and [http://somib.org.mx/](http://somib.org.mx/)

The editorial board of the RMIB strongly encourage authors submitting manuscripts related to this global emergency to contribute to underlying scientific information relating to the outbreak as fast as possible.

**Topics of Interest:**

- Processing of Biomedical Signals and Images.
- Biosensors, Bioinstrumentation and Micro-Nanotechnologies.
- Biomaterials, Molecular, Cellular and Tissue Engineering.
- Modeling and Simulation / Bioinformatics and Computational Biology.
- Biomechanics, Biorobotics / Neural Engineering and Rehabilitation.
- Medical Physics and Nuclear Medicine.
- Clinical Engineering and Regulations.
- Innovation and Development of Technologies for Health.
- Bioimpedance, Electroporation and pulsed electric fields.
- Strategies to limit disease propagation.
- Simulation of microbial disease.
- Big data and pattern recognition in epidemic.
- Emergency management of resource at hospital locations.
- Other topics related to biomedical engineering on microbial diseases.
Paper Submission:
Submissions must be original research papers, revisions, short communications or letter to the editor, and not have been previously published or currently submitted for journal publication elsewhere. Submission guidelines are available at: http://www.rmib.mx/index.php/rmib/Autores. Please follow carefully guidelines before submitting your manuscript. Papers will go through a rigorous peer review process. Accepted papers will be published on early view online, not waiting for the final edition.

Important Dates:
Manuscript submission deadline: october 30th, 2020
Final decisions: december 30th, 2020
Publication date: January 2021

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