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Organs on a Chips

Guest Editors:

Dr. Pijus Kundu

Department of Engineering and System Science, National Tsing-Hua University, Hsinchu 30013, Taiwan

Prof. Dr. Fan-Gang Tseng

Department of Engineering and System Science, National Tsing Hua University (NTHU), Academia Sinica, Hsinchu, Taiwan

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Message from the Guest Editors

Dear Colleagues,

We invite you to contribute to a Special Issue of the journal Applied Sciences, “Organs on a Chips”, which aims to present the microfluidic cell culture device that simulates the activities, mechanics and physiological response of entire organs and organ systems, a type of artificial organ. It constitutes the subject matter of significant biomedical engineering, more precisely in bio-MEMS. The applications of organs on a chips are also very welcome.

Dr. Pijus Kundu

Prof. Fan-Gang Tseng

Guest Editors

Keywords

- BioNEMS
- Nano/Micro fluidics
- Drug screening
- Tissue engineering
- Molecular detection
- Cancer markers



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Special Issue



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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
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