



Organs on a Chips

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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.

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Keywords

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





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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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