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Microsystem for Heart and Stem Cells Processing

Guest Editor:

Prof. Dr. Elzbieta Jastrzebska

Chair of Medical Biotechnology,
Faculty of Chemistry, Warsaw
University of Technology, 00-661
Warsaw, Poland

Deadline for manuscript
submissions:

closed (15 April 2021)

Message from the Guest Editor

Dear Colleagues,

Perfusion lab-on-a-chip systems, mimicking tissue features, seem to be a suitable tool used for cell study. Microsystems used to culture cardiac and stem cells, as well as for the creation of vascularization, stem cell differentiation, and drug toxicity cell study, can be a helpful method to study diseases, especially CVDs. Original papers focusing on achievements in the study of cardiac, stem, and vascular cells in microscale, new technologies of microsystem fabrication, as well as review reports on recent developments in the field will be considered for publication. This Special Issue entitled "Microsystem for Heart and Stem Cell Processing" is dedicated to biologists, engineers, microfluidic specialists, cell culture experts, cardiologists, and other experts connecting with this research field. The main topic of this special issue is related but not limited to:

- Lab-on-a-chip
- Heart-on-a-chip
- Vascularization
- Stem cells
- Microfluidic
- Cell differentiation
- Cardiovascular diseases
- Toxicology



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Special Issue



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Editor-in-Chief

Prof. Dr. Giovanna Marrazza

Department of Chemistry "Ugo Schiff", University of Florence, Via della Lastruccia 3, 50019 Sesto Fiorentino, Italy

Message from the Editor-in-Chief

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Biosensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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