

## Special Issue

# Microfluidics for DNA and Protein Characterization

### Message from the Guest Editor

This Special Issue of *Micromachines*, “Microfluidics for DNA and Protein Characterization”, aims to cover a broad range of topics in the field of biomolecule characterization and analysis through droplet-based approaches. These interdisciplinary methods provide the capability of obtaining insights into DNA, proteins, DNA–protein, and protein–protein interactions under compatible physiological conditions. In addition, the handling and manipulation of small amounts of fluids, as well as low concentrations of analytes, in portable and cheap devices boosted the use of technologies, such as microfluidics, i.e., DNA detection, sequencing, proteins, and biomarker analysis. This Special Issue will include original research, communications and review articles covering the latest advances on the development and application of strategies to manipulate and control droplets on textured/patterned devices, devoted to the nano-scale study of biomolecules down to the single analyte.

### Guest Editor

Dr. Monica Marini

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### Deadline for manuscript submissions

closed (31 January 2022)



## Micromachines

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## About the Journal

### Message from the Editor-in-Chief

You are invited to contribute research articles or comprehensive reviews for consideration and publication in *Micromachines* (ISSN 2072-666X). *Micromachines* is published in the open access format. Research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. As an open access journal, *Micromachines* is supported by the authors or their institutes by payment of article processing charges (APC) for accepted papers. We are pleased to welcome you as our authors.

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### Editor-in-Chief

Prof. Dr. Ai-Qun Liu

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