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New Technology of Nucleic Acid Detection Based Point-of-Care Diagnostics

Guest Editor:

Dr. Manish Biyani

Department of Bioscience and
Biotechnology, Japan Advanced
Institute of Science and
Technology, Nomi 9231292,
Japan

Deadline for manuscript
submissions:

closed (30 November 2023)

Message from the Guest Editor

Dear Colleagues,

This Special Issue “New Technology of Nucleic Acid Detection Based Point-of-Care Diagnostics” focuses on recent advances in the laboratory-free and rapid nucleic acid-based testing technologies and their practical applications toward implementation of the ‘One Health’ concept, a crucial approach to preparing for future pandemics by recognizing the interconnections and establishing early warning surveillance at the interface between humans, animals, and their shared environments.

We invite submissions of new research that guide us in advancing nucleic acid-based point-of-care testing to improve diagnostic preparedness.

Topics of interest include but are not limited to the following:

- Simple and lab-free sampling for onsite nucleic acid testing
- Sensitive and reliable nucleic acid amplification technology
- Portable and cost-effective biosensing devices
- Point-of-care protocols for onsite nucleic acid testing

Dr. Manish Biyani

Guest Editor



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Special Issue



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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

Tel: +41 61 683 77 34
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