

Special Issue

High Sensitivity Lateral Flow Assays for SARS-CoV-2 and Other Infections

Message from the Guest Editor

Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) and other infections are a serious threat to public health and the global economy. The rapid identification and isolation of patients diagnosed with SARS-CoV-2 is important for preventing transmission. Point of care testing (POCT) is applicable to a variety of areas of medicine and can make a significant difference in patient care. Lateral flow assays (LFAs) are critical in POCT. An LFA is simple-to-use diagnostic equipment that is used to confirm the presence or absence of a target analyte. Numerous strategies are used to improve sensitivity and quantitative detection, e.g., employing several visualization methods, using different labeling reporters, integrating LFAs with other detection methods, resulting in their benefiting from both LFAs and the advantages of integrated detection devices for SARS-CoV-2 or other infections. This Special Issue invites submissions of novel and innovative original studies as well as comprehensive reviews on this topic.

- lateral flow assay
- point of care testing
- SARS-CoV-2

Guest Editor

Dr. Hideya Kawasaki

Nanosuit Research Laboratory, Division of Preeminent Bioimaging Research, Institute of Photonics Medicine, Hamamatsu University School of Medicine, Hamamatsu, Shizuoka, Japan

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Biomedicines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biomedicines@mdpi.com

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

Editor-in-Chief

Prof. Dr. Felipe Fregni

1. Neuromodulation Center and Center for Clinical Research Learning, Spaulding Rehabilitation Hospital and Massachusetts General Hospital, Harvard Medical School, Boston, MA 02114, USA

2. Department of Epidemiology, Harvard T.H. Chan School of Public Health, Boston, MA 02115, USA

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