



*diagnostics*



an Open Access Journal by MDPI

## Health Diagnosis with Smart Wearable Devices and AI Driven Medical Cloud

Guest Editors:

**Dr. Venkatesan Rajinikanth**

M.E., Ph.D, Professor, Department  
of Electronics and  
Instrumentation Engg., St.  
Joseph's College of Engineering,  
Chennai, India

**Prof. Dr. Hong Lin**

Department of Computer Science  
and Engineering Technology,  
University of Houston-  
Downtown, Houston, TX, USA

**Dr. Snehalatha Umapathy**

Department of Biomedical  
Engineering, SRM Institute of  
Science and Technology,  
Kattankulathur, Chennai 603203,  
Tamil Nadu, India

### Message from the Guest Editors

This Special Issue invites researchers, scientists and medical professionals to submit their innovative ideas and experimental works related to health condition monitoring using smart-wearable-devices, SWD data processing with machine-learning and deep-learning methods, recent developments in SWD design and implementation, and integration of SWD with AI and cloud for remote patient care. This Special Issue also welcomes clinical trials executed with SWD, AI and the medical-cloud, remote monitoring of SWD data and mobile-app development for the SWD and AI.

Deadline for manuscript  
submissions:

**closed (30 April 2023)**



[mdpi.com/si/116471](https://mdpi.com/si/116471)

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Andreas Kjaer

Department of Clinical  
Physiology, Nuclear Medicine &  
PET National University Hospital,  
Rigshospitalet, University of  
Copenhagen, Blegdamsvej 9, DK-  
2100 Copenhagen, Denmark

## Message from the Editor-in-Chief

You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in 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 and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [Embase](#), [Inspec](#), [CAPlus / SciFinder](#), and [other databases](#).

**Journal Rank:** JCR - Q1 (Medicine, General and Internal) / CiteScore - Q2 (Internal Medicine)

## Contact Us

*Diagnostics* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/diagnostics](http://mdpi.com/journal/diagnostics)  
[diagnostics@mdpi.com](mailto:diagnostics@mdpi.com)  
[X@diagnostic\\_mdpi](#)