



Pathological Speech Classification and Processing for Advanced Medical Diagnosis

Guest Editor:

Prof. Dr. Juan Rafael Orozco-Arroyave

1. GITA Lab, Faculty of Engineering, University of Antioquia, Medellín, Colombia
2. Pattern Recognition Lab, Friedrich-Alexander-University Erlangen–Nuremberg, Erlangen, Germany

Deadline for manuscript submissions:

31 December 2025

Message from the Guest Editor

Dear Colleagues,

The Special Issue "Pathological Speech Classification and Processing for Advanced Medical Diagnosis" delves into the emerging field of pathological speech analysis, examining its potential in enhancing medical diagnosis. This Special Issue highlights innovative techniques and methodologies for speech recognition, analysis, and processing in diseased states, aiming to improve the accuracy and efficiency of clinical assessments. By exploring the latest advancements in this domain, it aims to foster a better understanding of pathological speech patterns and their application in precision medicine.

Prof. Dr. Juan Rafael Orozco-Arroyave
Guest Editor





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](#), [CAPus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Medicine, General & Internal*)

Contact Us

Diagnostics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/diagnostics
diagnostics@mdpi.com
[X@diagnostic_mdpi](#)