



Immunohistochemistry in Cancer Diagnoses and Treatments

Guest Editor:

Prof. Dr. Tomonori Kawasaki

Department of Pathology,
Saitama Medical University
International Medical Center,
1397-1, Yamane, Hidaka, Saitama
350-1298, Japan

Deadline for manuscript
submissions:

closed (20 December 2022)

Message from the Guest Editor

Immunohistochemistry (IHC) is an antibody-based technique that analyzes protein expressions on sections retaining tissue structure. Currently, IHC is widely used in both medical research and clinical practice to visualize target antigens in biological samples. In recent years, IHC has also been performed in the area of cytopathology, employing a liquid-based technique.

In fact, the specific objectives of IHC in the clinicopathological setting that merit mention include the confirmation of monoclonal cell growth, differentiation between benign and malignant neoplasms, proliferative potential, differentiations and functions, differential diagnoses, the estimation of the primary site in metastatic cancer of unknown origin, the identification of hormonal and growth factor receptors and the analysis of prognostic factors. Furthermore, for biomedical innovations such as drug development, IHC is employed to detect various proteins to be analyzed.

This section covers the latest topics related to IHC in each of the oncology fields, which facilitate the confirmation of diagnoses and the determination of practical therapeutic strategies.





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](#)