



diagnostics



an Open Access Journal by MDPI

Innovations in Laboratory Hematology and Flow Cytometry

Guest Editor:

Dr. John L. Frater

Department of Pathology and
Immunology, Washington
University, St. Louis, MO, USA

Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editor

Laboratory hematology testing is a routine feature of the practice of clinical medicine. The complete blood count (CBC), for example, is the most commonly ordered test in the clinical laboratory. Advances in technology have been applied to clinical hematology testing, and current test menus offer a broad spectrum of test types that are reliable, inexpensive, and can be resulted in a short time frame. Examples of these technological improvements include 1) the use of image analysis to facilitate review of abnormal blood cells; 2) the expanded CBC, which is part of many contemporary platforms and generates a variety of routine and research parameters; and 3) the application of information technology to facilitate the reporting of test results.

This special issue of *Diagnostics* welcomes primary studies and reviews that address innovations in hematology laboratory testing and flow cytometry technology and their potential clinical applications. The aim of this Special Issue is to examine in detail the often underappreciated information originating from the clinical hematology laboratory.



mdpi.com/si/69218

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

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