



Special Issue on Medical Diagnostics and Laboratory Innovations

Call for Papers

Medical Diagnostics and Laboratory Innovations explores advances in diagnostic methods, laboratory technologies, and analytical approaches that support the accurate detection, characterization, and monitoring of diseases. The field integrates clinical laboratory science with molecular biology, genomics, immunology, microbiology, pathology, and biomedical engineering to develop more sensitive, specific, rapid, and reliable diagnostic solutions. Research may address biomarker discovery, molecular testing, point-of-care diagnostics, automated laboratory systems, advanced imaging, liquid biopsy, and emerging biosensing technologies. Innovations in artificial intelligence, high-throughput analysis, microfluidics, and precision medicine are also creating new opportunities for earlier disease detection, individualized patient assessment, and improved clinical decision-making.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Medical Diagnostics and Laboratory Innovations**. Potential topics include, but are not limited to:

- Molecular diagnostics
- Clinical biochemistry
- Medical microbiology
- Clinical immunology
- Hematology diagnostics
- Histopathological diagnostics
- Cytological diagnostics
- Genetic testing
- Biomarker discovery
- Liquid biopsy
- Point-of-care testing
- Biosensor technology
- Laboratory automation
- Diagnostic imaging
- Digital pathology
- Precision diagnostics

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).



Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Medical Diagnostics and Laboratory Innovations**” should be selected during your submission.

Special Issue Timetable:

Submission Deadline	January 12th, 2027
Publication Date	March 2027

Guest Editor:

For further questions or inquiries, please contact Editorial Assistant at

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