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IP Journal of Diagnostic Pathology and Oncology

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## Editor Desk

### From the Editor-in-Chief's Desk

It is with great enthusiasm that I introduce this latest issue of our pathology journal, where we explore a breadth of topics that highlight the dynamic evolution of our field.

The editorial highlights the various medico legal, ethical, and regulatory aspects of blood transfusion services in our country and also offers valuable recommendations to minimize the medico-legal adversaries related to blood transfusion.

Our review article on computational pathology delves into how AI technologies are driving precision diagnostics, augmenting human expertise, and improving workflow efficiencies. It also highlights some of the technical, ethical, and operational challenges related to the application of these technologies.

In another comprehensive review, we explore the role of the gut microbiome in obesity, a global public health crisis, and also discuss the opportunities and challenges for therapeutic intervention.

The original article focuses on the clinicopathological spectrum of mycetoma and its diagnostic features along with a comprehensive review of the literature.

The case series throws light on rare and complex cytogenetic abnormalities that are encountered in AML. Detection of such abnormalities provides invaluable information regarding the aggressiveness and prognosis of the disease and guides treatment decisions.

The case reports featured in this issue bring forth a wide array of rare and challenging pathologies, each offering unique diagnostic and therapeutic insights.

To conclude, this issue reflects the breadth and depth of the pathology discipline, covering critical ethical considerations, emerging technologies, and rare disease insights.

I take this opportunity to thank all the authors and congratulate the publishing team of IP Journal of Diagnostic Pathology and Oncology for successfully bringing out yet another informative and timely issue.

*Happy reading...*



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