

## Special Issue

# Advances in the Diagnosis and Treatment of Gastrointestinal Stromal Tumors

### Message from the Guest Editors

In recent decades, there have been several developments in biology of gastrointestinal stromal tumors (GIST) that enhance new diagnostic and therapeutic strategies. Surgery remains the cornerstone treatment in localized disease and can also be clinically relevant in the metastatic setting. However, the introduction of tyrosine kinase inhibitors (TKIs) was revolutionary in treating GIST patients, as it established treatment algorithms for patients with advanced GIST. Novel therapeutic strategies focus on overcoming the heterogeneity of KIT or platelet-derived growth factor receptor (PDGFRA) secondary mutations and providing more potent inhibition of specific challenging mutations. Recently, new TKIs have been approved in patients harboring *PDGFRA* exon 18 D842V mutations. Additionally, there are several experimental therapies under investigation that could advance individualized patient care. In this Special Issue, we would like to invite original clinical and basic research, meta-analyses, and state-of-the-art reviews related to advances in the diagnosis and treatment of gastrointestinal stromal tumors. We will be grateful to receive your submissions.

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### Guest Editors

Dr. Dimitrios Balalis

Dr. Stefania Kokkali

Prof. Dr. Nikolaos Vassos

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### Deadline for manuscript submissions

closed (28 February 2025)



## Journal of Clinical Medicine

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