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Developments in Thrombotic Thrombocytopenic Purpura

Guest Editor:

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Deadline for manuscript submissions:
30 November 2024

Message from the Guest Editor

Thrombotic thrombocytopenic purpura is a severe disease that can lead to significant morbidity and potentially mortality due to the diffuse formation of microthrombi affecting all organ systems. For over three decades, therapeutic plasma exchange (TPE), an apheresis procedure that exchanges the patient's plasma with donated plasma, has been the first-line therapy for this disease. Reports outlining the benefits of using the monoclonal rituximab in the setting of TTP continue to grow in the literature. Furthermore, the recent approval and use of the monoclonal antibody caplacizumab, the first TTP-specific therapy that prevents the binding of vWF to platelets, have improved the chances of earlier platelet recovery and result in shorter hospitalizations.

Thus, the goal of this Special Issue is to invite submissions that outline advances in our understanding of TTP. We welcome novel research from basic science to translational and clinical work in TTP as well as comprehensive reviews of available data of the latest discoveries. Submissions of case reports, unless they are in the context of a comprehensive review of the relevant literature, are not encouraged.

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Message from the Editor-in-Chief

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