

## Special Issue

# Hemostasis, Thrombosis, and Immunothrombosis

### Message from the Guest Editors

The prime drivers of mortality from cardiovascular diseases are platelets and the coagulation cascade. Moreover, the global pandemic caused by SARS-CoV-2 highlighted the concept of immunothrombosis, whereby microthrombi are formed due to platelet and coagulation cascade activation as a result of inflammation. Similarly, immunothrombosis is integral to the development of thrombotic shock in septic patients. The above conditions all result from a complex interplay between platelets, coagulation, innate immunity, and the endothelium. We are most interested in reviews or original reports that delineate the novel mechanisms of pathological thrombosis, physiological hemostasis, or immunothrombosis. Potential topics include, but are not limited to:

- Platelets in thrombosis or hemostasis;
- platelet–leukocyte interactions during immune responses;
- coagulation responses during sepsis;
- coagulation responses during SARS-CoV-2 infection;
- platelet function during sepsis;
- platelet function during SARS-CoV-2 infection;
- endothelial cell function in systemic inflammation.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 October 2023)



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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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