

Special Issue

Molecular Focus on Venous Thrombosis (DVT/VTE)

Message from the Guest Editor

Venous thromboembolism (VTE), consisting of deep vein thrombosis (DVT) and its major complication, pulmonary embolism (PE), is a serious health issue worldwide. Mechanisms of DVT development are substantially different from arterial thrombosis and remain incompletely understood. In particular, recent studies have demonstrated the pivotal role of different components of the immune system and local inflammatory responses (such as neutrophil extracellular traps or mast cells) in DVT initiation.

This Special Issue is devoted to a discussion of new insights into mechanisms of DVT initiation, progression, and resolution, as well as contemporary experimental tools used to study these processes. It will include but is not limited to the following subtopics:

- Animal models of venous thrombosis
- Mechanisms of venous thrombosis initiation
- The role of the immune system and inflammation in venous thrombosis
- Mechanisms of venous thrombosis resolution
- Classic and emerging novel biomarkers of venous thrombosis and others

Guest Editor

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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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