

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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