

Special Issue

The Role of Fibrinolytic Factors in Disease

Message from the Guest Editor

The fibrinolytic system is responsible for dissolving fibrin and maintaining vascular homeostasis through the action of plasmin. Plasmin is produced when the precursor plasminogen is activated by urokinase plasminogen activator (uPA)/uPA receptor (uPAR) or tissue-type plasminogen activator (tPA), and these plasminogen activators (PAs) are inhibited by plasminogen activator inhibitor 1 (PAI-1). Plasmin activity is further inhibited by α_2 -antiplasmin (α_2 AP). Recently, many studies have demonstrated that these fibrinolytic factors may have functions beyond thrombus dissolution and could contribute to the onset of various diseases. This Special Issue explores the roles of fibrinolytic factors in the pathogenesis of different diseases.

Guest Editor

Dr. Yosuke Kanno

Department of Clinical Pathological Biochemistry, Faculty of Pharmaceutical Science, Doshisha Women's College of Liberal Arts, 97-1 Kodo Kyo-tanabe, Kyoto 610-0395, Japan

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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