Special Issue

Genetic Basis of Fibrinogen Disorders

Message from the Guest Editor

Congenital fibrinogen disorders, including a-, hypo-, and dys-fibrinogenemia, are estimated to represent ~8% of rare inherited coagulopathies. In addition to the most obvious consequences of fibrinogen disorders (ie, hemorrhagic/thrombotic manifestations), point mutations can also lead to organ damage; in the liver, due to endoplasmic accumulation of mutant fibrinogens, and in the kidney as a result of an increased susceptibility to proteolysis of aggregation-prone fibrinogen peptides, leading to systemic amyloidosis. In this Special Issue of the *International Journal of Molecular Sciences*, the focus will be the "Genetic Basis of Fibrinogen Disorders", including insights into epidemiologic data, mutational spectra, and molecular pathogenesis. Studying fibrinogen spontaneous mutants in the population can represent a useful tool to inspect critical residues for fibrinogen assembly, secretion, function, and interaction with other proteins, as well as to elucidate mechanisms underlying fibrinogen-chain mRNA processing.

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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