



Genetic Basis of Fibrinogen Disorders

Guest Editor:

Prof. Dr. Rosanna Asselta

Department of Biomedical
Sciences, Humanitas University,
Via Manzoni 113, 20089 Rozzano,
Milan, Italy

rosanna.asselta@hunimed.eu

Deadline for manuscript
submissions:

closed (15 November 2017)

Message from the Guest Editor

Dear Colleagues,

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.

Assoc. Prof. Dr. Rosanna Asselta
Guest Editor





an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Charles Brennan

Prof. Dr. Andreas Taubert

Prof. Dr. Kurt A. Jellinger

Prof. Dr. Ian A. Nicholls

Dr. Stephen A. Bustin

Prof. Dr. Xiaofeng Jia

Prof. Dr. Maurizio Battino

Prof. Dr. Guido R.M.M. Haenen

Prof. Dr. Setsuko Komatsu

Prof. Dr. Claudiu T. Supuran

Prof. Dr. Irmgard Tegeer

Message from the Editorial Board

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed by the **Science Citation Index Expanded** (Web of Science), MEDLINE (PubMed), Scopus and other databases.

Rapid Publication: manuscripts are peer-reviewed and a first decision provided to authors approximately 16.2 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2019).

Contact Us

*International Journal of Molecular
Sciences*
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
@IJMS_MDPI