



Systemic Lupus Erythematosus: Research Updates in Immunopathogenesis, Biomarkers and Therapeutics

Guest Editors:

Prof. Dr. Chak-Sing Lau

Division of Rheumatology and
Clinical Immunology,
Department of Medicine, LKS
Faculty of Medicine, The
University of Hong Kong, Hong
Kong 999077, China

Dr. Vera Sau-Fong Chan

Division of Rheumatology and
Clinical Immunology,
Department of Medicine, LKS
Faculty of Medicine, The
University of Hong Kong, Hong
Kong, China

Deadline for manuscript
submissions:

closed (31 July 2019)

Message from the Guest Editors

Systemic lupus erythematosus (SLE) is a chronic autoimmune disease with diverse clinical manifestations involving multiple organ systems. Clinically, SLE is still mainly managed by the use of conventional immunosuppressants and steroids with undesirable side-effects; the efficacies of new biologics are yet to be substantiated. Thus, understanding SLE pathogenic mechanisms is of imminent importance to advancing the management of this condition. SLE pathogenesis is highly intricate and etiologically contributed by a combination of multiple genetic and environmental elements. This Special Issue aims to provide recent research highlights that focus on understanding the immuno-pathogenesis mechanisms, biomarkers, and novel therapeutics development in SLE. Topics include, but are not limited to, the following:

- The genetics of lupus
- The epigenetic regulation of lupus
- Cellular and molecular dysregulation in SLE
- Cytokine perturbation and contribution to lupus progression
- Innate and adaptive immunity in SLE
- Immuno-regulatory cells in lupus
- Biomarker development for prognosis and monitoring lupus disease
- Novel therapeutics and new treatment strategies for lupus





an Open Access Journal by MDPI

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

Message from the Editor-in-Chief

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 within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

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

Tel: +41 61 683 77 34
www.mdpi.com

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