

Special Issue

Molecular Mechanisms Associated to Systemic Lupus Erythematosus

Message from the Guest Editor

Systemic lupus erythematosus (SLE) is a complex multisystem autoimmune disease. The etiology and pathogenesis of SLE are accompanied by immune disorders including abnormal activation, proliferation, differentiation, and dysfunction of immune cells. Over-secretion of autoantibodies against several cellular compartments triggers cytokine production by innate immune cells and incite tissue and organ inflammation. Determining a SLE patient-tailored preventive strategy remains a crucial problem to be resolved. This special issue welcomes original research manuscripts investigating novel molecular biomarkers that regulate critical pathways in SLE-associated activity and renal damage progression, the most common and serious manifestation in SLE, or new molecular regulatory networks identified by biology system analysis; critical reviews that summarize recent advances in this field and provide a rationale for further research are also welcome.

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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