



Systemic Lupus Erythematosus: From Molecular Mechanisms to Therapies

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Message from the Guest Editor

Systemic lupus erythematosus is a second after rheumatoid arthritis systemic rheumatic disease, with different organ and system involvement with different courses. Systemic lupus erythematosus may affect all ages. Monogenic SLE should be mentioned in early-onset and family cases. The interferon-I signaling pathway and other inherited immune-mediated disturbances are the basis of SLE pathogenesis. The study of molecular and immunology mechanisms is the key to finding new surrogate biomarkers of activity and new targeting treatment options. The research of SLE pathogenesis can improve the patients' quality of life, live expectancy and long-term outcomes. This Special Issue of *Biomedicines* focuses on recent advances in the discovery, characterization, translation, and clinical application of systemic lupus erythematosus and targets. Our goal in publishing this Issue is to stimulate research and clinical interests in this exciting field, with the hope of developing strategies for the diagnosis and assessment of activity and damage, molecular pathogenesis, and improvement of treatment outcomes for patients with systemic lupus erythematosus.





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Message from the Editor-in-Chief

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