

Special Issue

Common and Novel Markers of Inflammation and Tissue Damage in Various Pathological Conditions

Message from the Guest Editors

Inflammation is a complex and necessary component of the body's response to pathological conditions, such as infections, burns, stress, trauma, or immunologic reactions. Inflammation has been linked to numerous diseases. The inflammatory response involves the release of various inflammatory markers. The evaluation of biomarkers such as cytokines, growth factors, oxidative markers, and other molecular markers allows us to understand the progression of various disorders and tissue repair processes. Monitoring the levels of inflammatory markers in body fluids may be useful for diagnosing inflammation, as well as for monitoring disease treatment. The most frequently used inflammatory markers include acute-phase proteins and cytokines, predominantly TNF- α , interleukins 1 α , 6, 8, 10, and 12, their receptors, and IFN γ . However, new markers of the inflammatory response and tissue damage that can provide valuable information about various pathological conditions are still being sought. All articles that present valuable observations concerning common and novel markers of inflammation and tissue damage in various pathological conditions are welcome.

Guest Editors

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