

Special Issue

Research on Inflammation and Autophagy

Message from the Guest Editors

This Special Issue aims to highlight recent advances in our understanding of the dynamic interplay between inflammation and autophagy, two essential biological processes involved in health and disease. Autophagy, a highly conserved cellular mechanism for degrading and recycling cytoplasmic components, plays a crucial role in modulating immune responses and maintaining cellular homeostasis. Conversely, dysregulated inflammation can impair autophagic flux, leading to the progression of numerous pathological conditions, including cancer, neurodegenerative disorders, metabolic syndromes, and autoimmune diseases. Current research is uncovering the molecular pathways that link autophagy to inflammatory signaling. This Special Issue welcomes original research articles and comprehensive reviews that explore the molecular mechanisms, functional consequences, and therapeutic implications of the autophagy–inflammation axis. By bringing together insights from basic and translational research, this Special Issue aims to foster a deeper understanding of the interconnected roles of autophagy and inflammation in disease pathogenesis and treatment.

Guest Editors

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