

Topical Collection

Molecular Mechanisms of Obesity, Diabetes, Inflammation and Aging

Message from the Collection Editors

Obesity and diabetes have become epidemic worldwide, and the incidences of these chronic metabolic diseases are more prominent in older people. Many age-associated diseases are associated with inflammation. Thus, the term “inflamm-aging” has been coined. While tremendous progress has been made in obesity, diabetes, inflammation, and aging over the years, many unanswered questions remain regarding the in-depth molecular mechanisms of these pathological conditions. Immunometabolism has recently merged as a new frontier of biological research. The COVID-19 pandemic has further brought immunity to the forefront of science. It is not only important to study the initiation of infection/inflammation, but also to understand the resolution of inflammation that is critical for disease resilience and prognosis. This Topic Collection aims to serve as a catalyst for bringing together like-minded experts to share novel findings and perspectives in “Molecular Mechanisms of Obesity, Diabetes, Inflammation and Aging”. This collection welcomes original research articles as well as up-to-date reviews. We look forward to reading your contributions.

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