

Special Issue

Molecular Insights on Myogenic Progenitors: Regulation of Differentiation

Message from the Guest Editor

Myogenic progenitors are essential for skeletal muscle development, regeneration, and repair. This series explores the molecular mechanisms governing their decision to renew and propagate or to differentiate, focusing on transcriptional and epigenetic regulation, cell signaling, mechanotransduction, and their interactions with the niche. By highlighting recent advances in myogenic progenitor biology, we aim to provide new insights into muscle regeneration, disease, and development of therapeutic strategies. This series will bring together innovative research to advance our understanding of myogenesis and its implications in health and disease. We invite contributions that expand our understanding of the molecular mechanisms of myogenic progenitor regulation and differentiation and their therapeutic implications.

Guest Editor

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