

Special Issue

Key Bioactive Molecules in Muscle Biology: Function and Regulation

Message from the Guest Editor

Muscle development is a complex biological process involving the participation of multiple growth factors. Some of the important growth factors include insulin-like growth factors (IGFs), fibroblast growth factors (FGFs), platelet-derived growth factors (PDGFs), transforming growth factor beta (TGF- β), and myostatin (Myostatin). These bioactive molecules play a pivotal role in muscle growth, metabolism, and immunity. This special issue will delve into the latest research advancements in understanding the molecular mechanisms underlying these biological processes. It highlights innovative studies on growth factors, signaling pathways, and immune modulators, offering insights into potential therapeutic targets and strategies for promoting muscle health and combating metabolic disorders.

Guest Editor

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