

Special Issue

Latest Advances and Prospects About the Molecular Metabolism in Muscles

Message from the Guest Editor

We are pleased to invite you to contribute to this Special Issue, titled **“Latest Advances and Prospects About the Molecular Metabolism in Muscles”**, in *Medicina*.

Skeletal muscle is a central tissue for human movement, metabolic regulation, and overall health. Recent advances in molecular metabolism have uncovered key regulatory networks controlling muscle function, plasticity, and adaptation under various physiological and pathological conditions. Understanding the molecular mechanisms that drive muscle metabolism is critical for addressing major health challenges, including sarcopenia, cachexia, obesity, insulin resistance, and metabolic diseases. This Special Issue aims to highlight the latest discoveries and future directions in skeletal muscle metabolism research. We welcome original research articles and reviews that advance our understanding of how molecular, cellular, and metabolic pathways shape muscle performance, regeneration, and adaptation across the lifespan. We look forward to receiving your valuable contributions.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Medicina* (ISSN: 1648-9144). *Medicina* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on medicine. The scientific community and the general public can access the content free of charge as soon as it is published.

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