

## Special Issue

# Myofibril and Food Innovation

### Message from the Guest Editors

Myofibrils are the building blocks of muscle tissue, predominantly consisting of interwoven myosin (thick) and actin (thin) filaments that facilitate muscle contraction. These filaments' interaction and the structural integrity of the myofibrils are significantly affected by many proteases which in turn contribute to meat tenderisation, textural development and functionality. Many innovative solutions are now established to deliver improved muscle foods that are not only more palatable but also more aligned with modern consumer expectations for health, sustainability, and ethical considerations. This Special Issue welcomes the following related topics:

- Protein structures and processing accessibility
- Biomarkers identification and tracibility
- Bioavailability and nutritional merits
- Design principles and sustainability

### Guest Editors

Dr. Chengliang Li

Dr. Guofeng Jin

Dr. Gan Hu

### Deadline for manuscript submissions

closed (20 July 2025)



## Foods

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### Message from the Editor-in-Chief

*Foods* (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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### Editor-in-Chief

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