

Special Issue

Thirty plus Years' Journey— Painting the Molecular Picture of E-C Coupling

Message from the Guest Editors

Over the past thirty-plus years, research in excitation–contraction (E-C) coupling has witnessed remarkable breakthroughs, revealing the molecular and mechanistic underpinnings of muscle contraction, cardiac function, and the genetic basis of diseases caused by dysregulation of the E-C coupling machinery. In this Special Issue, “**Thirty Plus Years' Journey—Painting the Molecular Picture of E-C Coupling**”, we aim to celebrate the scientific journey that has led to our current understanding of E-C coupling. This issue will highlight multidisciplinary, team-based research efforts that continue to uncover the structural and functional frameworks essential for calcium signaling in muscle physiology and cardiovascular disease. We also seek to feature novel therapeutic strategies that offer promising avenues for the safe and effective treatment of related human diseases.

Guest Editors

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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