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The Adipose Tissue: From “Cinderella” to “Lion King” Organ

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Message from the Guest Editors

Dear Colleagues,

Adipose tissue (AT) has often been considered as the “Cinderella” organ and a metabolically inert tissue, receiving less attention than other organs and tissues. However, the research interest on adipose tissue has gradually increased, compensating at least in part the scarcity of adipose-focused literature and leading to a reconsideration of the role of this understudied organ. To date, the research community has agreed to consider the adipose tissue a central hub in the regulation of whole-body energy homeostasis and insulin sensitivity.

The increasingly evident association between AT dysfunction and diseases has put adipose tissue biology under the spotlight of scientific interest.

This Special Issue aims to be a significant contribution to fill the gap in the knowledge of molecular mechanisms underlying the pathophysiology of adipose tissue in health and disease, with a focus on adipose tissue formation, expandability and the individual predisposition to metabolic disorders, functionally related to adipose tissue deficit.

For further information, please visit the Special Issue [website](#).



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Special Issue



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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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