

Special Issue

Mitochondria in Cancer: A Neglected Functional Reprogramming with Fundamental Pathophysiological Implications

Message from the Guest Editor

At present, the relationship between mitochondria and cancer is quite difficult. It is only possible to stress some aspects that underline the potential translational applications of intriguing pathophysiological links. Mitochondria are not innocent bystanders in cancer progression. They have various important pathogenetic roles with fundamental diagnostic, prognostic, and therapeutic implications. Elucidating the relationship between cancer cell mitochondria and cellular differentiation state is fundamental not only for the field of oncology but also for the physiology and pathophysiology of stem cells in general and cancer stem cells in particular.

Guest Editor

Prof. Dr. Roberto Scatena

Dipartimento di Medicina di Laboratorio, Madre Giuseppina Vannini Hospital, Via di Acqua Bullicante 4, 00177 Rome, Italy

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Cells
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cells@mdpi.com

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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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Dental Basic Sciences, University of Minnesota, 308 Harvard St. SE,
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