



The Role of Estrogen Receptors in Health and Disease 2.0

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Message from the Guest Editor

Dear Colleagues,

Estrogens and estrogen receptors (ERs) control a diversity of biological and physiological processes, including the growth, development, and metabolism of reproductive and non-reproductive tissues. The comprehension of the mechanisms underlining ER-mediated effects in the physiopathological processes is the main goal of this Special Issue. Notably, how do ERs control transcription and epigenetic regulations, and interact with intracellular kinases, coregulators of transcription, growth factors, and cellular signaling pathways to regulate cell fate, such as proliferation, differentiation, and apoptosis? What is the role of ligands, including environmental estrogens, in modulating the genomic and non-genomic activity of ERs? What are the consequence of ER mutations or the dysregulation of ER-target genes' profiling in cancer?

In order to provide a comprehensive overview of the molecular mechanisms of ERs, researchers are invited to submit original research, comprehensive reviews, and short communications for this Special Issue, which will cover a selection of topics, highlighting the key roles of ERs in physiopathology.





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Message from the Editor-in-Chief

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