

Special Issue

Hormone Receptors: A 2023 Update

Message from the Guest Editor

Tremendous progress in the field of molecular, cellular and structural biology in association with the explosion of data from omics analyses have enabled deeper understanding of how a target cell responds to a hormonal signal. Hormones signal through binding onto their cognate membrane, cytoplasmic and/or nuclear receptors, thereby triggering a plethora of cellular responses that contribute substantially to our internal balance, or homeostasis. The molecular basis of an ever-increasing number of endocrine disorders has been attributed to defects in genes encoding hormone receptors. On the other hand, accumulating evidence suggests that genetic defects have been also identified in molecules participating in hormonal signal transduction pathways, indicating that many nosological entities might be considered as “signalopathies”. In this Special Issue, it is a great honor and pleasure to invite experts and interested scientists to contribute to an update on hormone receptor physiology and pathophysiology.

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