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Functions of Nuclear Receptors

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Message from the Collection Editor

Dear Colleagues,

Nuclear receptors are a class of proteins classified as transcription factors that regulate the expression of specific genes, including those involving critical biological functions such as development, homeostasis, and metabolism, via binding of their cognate ligands. Nearly 50 nuclear receptor family members encoded in the human/mouse/rat genome have been identified. Recently, a large body of evidence has emerged suggesting that nuclear receptors play an important role in pathological conditions such as the development and progression of neoplasms. However, exact functions of nuclear receptors remain far from being fully understood. The aim of this Topical Collection is to provide an overview of previous and novel findings indicating the functional role of nuclear receptors in physiological conditions as well as a variety of disorders. Original research or review articles on signaling related to any nuclear receptors are most welcome.

Prof. Dr. Hiroshi Miyamoto
Collection Editor



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Topical Collection



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Message from the Editorial Board

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