Topical Collection

Functions of Nuclear Receptors

Message from the Collection Editor

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.

Collection Editor

Prof. Dr. Hiroshi Miyamoto
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About the Journal

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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).