

Special Issue

Medicinal Chemistry of Nuclear Receptors

Message from the Guest Editor

Nuclear receptors are ligand-inducible transcription factors, responsible for the action of hydrophobic signaling molecules, such as steroid hormones, thyroid hormones, vitamin A (retinoids), vitamin D, and some metabolic signals. These hydrophobic signaling molecules have significant physiological roles in growth, development, metabolism, immunity, and homeostasis, and dysregulation of nuclear receptors and their ligand functions closely involved in the pathogenesis of various diseases, such as cancer, cardiovascular diseases, autoimmune diseases, metabolic syndrome, and so on. Thus, specific modulators of multiple functions of nuclear receptors have been developed for the purpose of their clinical application, or used as the chemical probes for elucidation of nuclear receptor functions. In this Special Issue, we are pleased to invite original manuscripts focusing on the basic and applied research of medicinal chemistry targeting various nuclear receptors.

- Steroid hormone receptor
- thyroid hormone receptor
- retinoid receptor
- vitamin D receptor
- metabolic signals
- cancer
- cardiovascular diseases
- autoimmune diseases
- metabolic syndrome

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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