

Special Issue

Molecular Mechanism and Function of Progesterone Receptor

Message from the Guest Editor

In mammalian species, progesterone, steroid hormone, plays a key role in the development, and maintenance of female reproductive tissues such as uterus, ovary and mammary gland as well as plays a crucial role in non-reproductive tissues such as cardiovascular system, bone, and central nervous system, indicating the widespread role of progesterone in normal physiology.

This Special Issue of IJMS explores the transcriptional and post-transcriptional regulation of PRs, the role of its subcellular localization, classical and non-classical progesterone signaling, the role of PR coregulators in modifying progesterone action in both physiological and pathophysiological conditions. Bringing together different aspects in one issue, hopefully, will inspire researchers to study these interesting and important receptors using contemporary molecular tools.

Guest Editor

Prof. Dr. Ozlem Guzeloglu-Kayisli

Department of Ob and Gyn, Morsani College of Medicine, University of South Florida, Tampa, FL, USA

Deadline for manuscript submissions

closed (30 June 2022)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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