

Special Issue

PPARs in Health and Disease

Message from the Guest Editor

Peroxisome proliferator-activated receptors (PPARs) belong to a nuclear receptor superfamily, acting as ligand-activated transcription factors that exert specific pleiotropic responses. The three known isoforms, PPAR α , PPAR β/δ , and PPAR γ , hold, among others, determinant roles in energy homeostasis, regulating glucose and lipid metabolism. Upon binding with hormones, lipids, or other ligands, PPARs act by forming heterodimers with retinoic X receptors and, in cooperation with co-repressors or co-activators, regulate several target genes. This Special Issue of *Biomedicines* includes the most recent advances in the regulation and function of PPARs and provides well-grounded views on therapeutic perspectives for the use of PPAR agonists or antagonists in various disease states, including dyslipidemia, atherosclerosis, obesity, diabetes, neurodegenerative disorders, and cancer.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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