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PPARs in Cellular and Whole Body Energy Metabolism

Guest Editors:

Prof. Dr. Walter Wahli

 Lee Kong Chian School of Medicine, Nanyang Technological University, Singapore 308232, Singapore
Center for Integrative Genomics, University of Lausanne, CH-1015 Lausanne, Switzerland

Ms. Rachel Tee

Lee Kong Chian School of Medicine, Nanyang Technological University, Clinical Sciences Building,11 Mandalay Road, Singapore 308232, Singapore

Deadline for manuscript submissions: closed (31 August 2018)

Message from the Guest Editors

All three peroxisome proliferator-activated receptor (PPAR) isotypes α , β/δ and γ , function as sensors for fatty acids and fatty acid derivatives, and control important metabolic pathways regulating cellular and whole body energy homeostasis. These ligand-dependent transcription factors, which belong to the nuclear receptor superfamily of transcription factors, have been targeted to fight metabolic diseases based on their metabolic regulatory activities in various tissues, in part depending on ligand selectivity. This Special Issue of IJMS will cover the singular and intricate regulatory roles of all three PPAR isotypes in the ensemble of processes that are associated with metabolism in the healthy and diseased organism.

Prof. Walter Wahli Ms. Rachel Tee *Guest Editors*



mdpi.com/si/10871







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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

Message from the Editor-in-Chief

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