



Metabolism Signaling and Gene Regulation in Human Health

Guest Editor:

Dr. Prasanth Puthanveetil

Department of Pharmacology,
College of Graduate Studies,
Midwestern University, Downers
Grove, IL 60515, USA

Deadline for manuscript
submissions:

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Message from the Guest Editor

Dear Colleagues,

Substrates bring about cellular changes by triggering signaling networks and through the regulation of specific genes required to adapt and survive a specific physiological state, which is apparent when a cell is exposed to either over nutritional or under nutritional state. In addition, various pathological states will impact the ability of cells to handle the nutrients. Proteins from the membrane surface to other major cellular compartments like cytosol, mitochondria, and the nucleus coordinate normal cellular functions. A lack of coordination leads to disease state due to various triggers.

We are interested in receiving original and review articles that encompass metabolic signaling and gene regulation under various states. These include healthy state, during short and long-term fasting, during exercise, and disease states like diabetes, obesity, insulin resistance, ischemia, infection, inflammation, cancer, and neurodegeneration. How metabolic signaling and gene regulation will be altered in health and disease states will be the major focus.

We anticipate having your outstanding contribution in this Special Issue.

Dr. Prasanth Puthanveetil
Guest Editor





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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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