Joint Special Issue

Epigenetics in Metabolic and Neurological Disorders

Message from the Guest Editor

It has been recently suggested that epigenetic mechanisms could be also related to an increased susceptibility to metabolic and neurological disorders throughout lifetime. Epigenetic modifications in DNA are vulnerable to environmental stress, such as malnutrition, environmental chemicals and mental stress, mostly occurring during the early period of life, but also during prenatal life and even during maternal and paternal gametogenesis. Since the epigenome has a reversible property, induced epigenomic alterations can be potentially restored, leading to the possibility of an epigenomic-based preemptive medicine consisting of early detection of epigenomic signatures and early intervention. In this Special Issue, I would like to invite review and original articles that focus on the epigenetic basis of the susceptibility of metabolic and neurological diseases in the frame of preventive strategies involving early life, prenatal life and periconceptional life.

Guest Editor

Prof. Dr. Liborio Stuppia

School of Medicine and Health Sciences, G. d'Annunzio University, Chieti, Italy

Deadline for manuscript submissions

closed (22 December 2019)

Participating open access journals:

International Journal of Molecular Sciences

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed

mdpi.com/si/19027

Epigenomes

Impact Factor 3.5
CiteScore 4.4
Indexed in PubMed

mdpi.com/si/43255

MDPI