



Endocrinology Meets Environmental Epigenetics

Guest Editor:

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submissions:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to make a new point of view about the role of the epigenetic mechanism affected by environmental cues that influence the endocrine system and the related diseases. Contributions, in the form of review, research papers, and case studies should be related to the following topics:

- The relation between epigenetic mechanism and endocrine system (interplay between hormonal receptor and histone modifiers or DNA methylation and noncoding RNA);
- The effects of the environment on epigenetics. Focus on (a) environmental pollutants (dioxins, BPA, pesticides, plasticizer, micro and nanoplastics, heavy metals), (b) diet (caloric restriction, high-fat diet, Mediterranean diet, or nutraceuticals like genistein, tocotrienols, green tea polyphenol), and (c) oxidative stress.
- Possible environmental influence in developing endocrine-related disease: involvement of the epigenetic mechanism. Focus on diseases like metabolic syndrome, diabetes, bone-related disease, endocrine-related cancer, and psychiatric disorder.



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Dr. Lavinia Casati
Guest Editor

Special Issue



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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

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