



Environmental Sensitivity Illnesses: Mechanisms and Molecular Signatures

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Deadline for manuscript
submissions:

closed (31 December 2019)

Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to be a state-of-the-art review of environmental sensitivity illnesses (ESI), namely, multiple chemical sensitivity, fibromyalgia, chronic fatigue syndrome, and electrohypersensitivity. Despite these pathological conditions have recently gained a great interest, due to concerns about potential health risks raised by continuously increasing daily exposure to toxic xenobiotics, i.e., chemicals, drugs, artificial food components, heavy metals, and electro-magnetic fields, a nosologic classification of ESI is still lacking in a large number of countries worldwide.

- Molecular mechanisms underlying shared and distinct features of different disorders arising from toxicant-induced loss of tolerance;
- Genetic and epigenetic alterations playing a role as risk factors;
- Distinctive alterations in the transcriptome and/or the proteome of peripheral blood cells, as well as in serum metabolome;
- Changes in gut microbioma and/or microbiota metabolites;
- Molecular tracers for neuroimaging.





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Message from the Editor-in-Chief

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