



The Exposome: State-of-the-Art and Future Perspectives

Guest Editor:

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Message from the Guest Editor

The concept of the exposome embraces the complexity of real-life exposures, as we are not exposed to single chemicals but to mixtures that change over time. Novel techniques, such as targeted and untargeted exposure analysis, have vastly improved our ability to characterize exposures and provide the opportunity to dramatically improve our epidemiological and mechanistic research. However, challenges remain in the identification of agents and chemical evaluation in such analyses. This Special Issue invites articles related to the following:

1. Novel techniques for assessing the exposome;
2. Statistical methods for the interpretation of exposome data;
3. Applications of the exposome for public health research and policy;
4. Discussions of future directions of exposome research;
5. Applications for precision medicine and for longitudinal disease trajectories.





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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. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

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