



Ultrafine Particles Exposure and Health

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 July 2019)

Message from the Guest Editor

This Special Issue intends to pool new results and new aspects of validated findings in order to give a current overview in this field and to identify knowledge gaps and priorities for mitigation measures. Hence, this issue will include original papers representing new findings, as well as meta-studies and reviews.

Contribution are welcomed on, but not limited to, the following topics:

Quantification of concentrations in various surroundings and over time

Black carbon loading and chemical composition of particles (including internal and external mixtures)

Multiple exposure including other airborne pollutants

Particle sources and contributions to exposure

Resulting human exposures and inhaled doses

Impacts on public health and on vulnerable groups within population (short term and long-term exposure)

Indoor exposures and its health impact

Epidemiological risk assessments and toxicological mode of action studies

Possible legal limits for protection of health threshold values for adverse impacts





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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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