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## Molecular Basis of Air-Pollution-Induced Disease Risk

Guest Editors:

**Prof. Dr. Andrij Holian**

University of Montana Missoula,  
Department of Biomedical and  
Pharmaceutical Sciences,  
Missoula, MT 59812, USA

**Dr. Luke Montrose**

Department of Community and  
Environmental Health, Boise  
State University, 950 Lusk Street,  
Boise, ID 83725-1835, USA

Deadline for manuscript  
submissions:

**closed (30 June 2021)**

### Message from the Guest Editors

Air pollution is a nondiscriminatory toxicant capable of traveling from exhausts, stacks, and forest fires to communities both near and far from the original source. Acute impacts of air pollution are well documented, but increasingly, air pollution exposure has been associated with chronic disease risk. While the causal drivers of air pollution's influence on diseases remain to be fully elucidated, mechanistic evidence points to a number of key players, including inflammation, oxidative stress, and epigenetics.

This Special Issue invites papers focusing on plausible molecular mechanisms, whereby air pollutants influence disease risk and progression. In vivo and in vitro studies will be considered, as well as studies that investigate single-source and mixtures of air pollutants. For the purposes of this Special Issue, we define epigenetic modifications as DNA methylation, posttranslational histone tail modifications, chromatin accessibility, and noncoding RNA.



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**Special** Issue



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### Dr. Demetrio Raldúa

Department Environmental  
Chemistry, IDAEA-CSIC, Jordi  
Girona 18, 08034 Barcelona,  
Spain

## Message from the Editor-in-Chief

*Toxics* (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

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*Toxics* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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