

Special Issue

Molecular Mechanism of Lung Injury Caused by Environmental Factors

Message from the Guest Editors

The lungs are among the most important target of the harmful effects of environmental agents due to their large exchange surface, with the presence of a thin epithelial sheet to separate the internal environment from the external one.

The environmental factors that can affect lung function can be physical (for example, ionizing radiation such as radon) or chemical, such as asbestos, dioxins, metals (e.g., chromium, arsenic, nickel, cobalt, etc.) and other pollutants present in industrial and domestic emissions or in smoking—both active and passive. Although many countries have guidelines and policies for the prevention and control of these risk factors, the "environmental challenge" is still current and far from being resolved.

This Special Issue focuses on the molecular functional modifications induced by environmental factors on the lungs. We welcome your contributions, original papers, or review articles, on the cellular or molecular pathological changes induced by environmental factors, in acute or chronic form, in the lungs, as well as on new possible approaches to handle these damages.

Guest Editors

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Deadline for manuscript submissions

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