

Special Issue

Current Trends and New Challenges in Occupational Medicine and Industrial Hygiene

Message from the Guest Editors

In these changing work scenarios, there are many challenging research questions to be answered to ensure health and wellbeing for workers, including:

- Exposure and risk assessment for chemicals, carcinogenic and reprotoxic substances in a context of changing standards and occupational exposure limit values; New occupational risks, impacts and management measures due to climate change;
- Changes in indoor environmental quality and occupational exposure in occupational settings in light of climate change adaptation, energy mix shifts and energy saving needs;
- Changes in occupational exposure to respiratory tract viruses in the era of home office;
- Trends in exposure assessment to biological agents after the COVID-19 pandemic;
- Novel approaches, methodologies and technologies for occupational risk assessment and industrial hygiene;
- The paradigm shift from the prevention of occupational diseases and injuries to the pursuance of well-being for workers;
- Psychosocial, ergonomic and other health risks in remote work;
- Health promotion initiatives at the workplace;
- Smart environments: novel approaches and systems for risk assessment and management.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

The global burden of healthcare-associated infections remains an issue. The increase in the incidence of antibiotic resistance may result in the development of novel concepts to control the transmission of multi-resistant pathogens in various fields. Antiseptic tolerance towards some biocidal agents used for disinfection is being found more and more in selected bacterial species. It is therefore important to carefully balance the expected health benefits of specific hygiene measures against the likely risks and consequences associated with their implementation. I very much hope that this journal can contribute substantial knowledge on the various different aspects of hygiene. The Editorial Board Members and myself cordially invite you to share your latest findings by submitting original research and review articles as well as proposals for Special Issues.

Editor-in-Chief

Prof. Dr. Fernando Pérez-Rodríguez

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