



Current Trends and New Challenges in Occupational Medicine and Industrial Hygiene

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Deadline for manuscript
submissions:

31 October 2024

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.

