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Risk Assessment of Occupational Exposures for Better Health

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Message from the Guest Editor

Dear Colleagues,

The risk assessment of occupational exposures allows the estimation of workers' health risks as well as the implementation of risk management measures. Understanding how much exposure to toxics can induce health effects is critical to manage risks and improve workers' health. Several methods for assessing risks are available, including exposure assessments (air and/or biomonitoring), toxicokinetics studies, risk modelling, job exposure matrices (JEMs) or epidemiological studies. All these strategies aim to estimate the probability of adverse health effects in order to help risk managers and policy makers in their work. However, there are still numerous occupations where exposures are poorly documented or insufficiently linked to adverse health effects. There is also a need for longitudinal studies characterizing long-term trends of occupational exposures and for new biomarkers that are more closely related to health effects.

The topics of interest include but are not limited to: health risk assessment, exposure assessment methods, long-term trends of exposure, pollutant mixtures, biomonitoring, occupational risk factors, and risk modelling.



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Special Issue



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Message from the Editor-in-Chief

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