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Modeling Tools for Occupational Exposure Assessment

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Deadline for manuscript submissions:
closed (30 June 2022)

Message from the Guest Editors

Exposure assessment models are generally considered as useful tools for exposure assessors to deal with risk assessments in several exposure scenarios. However, available studies show that more knowledge is needed about model functionalities, applicability domain, refinement, validation, magnitude of uncertainties, and model reliability.

Therefore, this Special Issue aims to present original research articles, reviews, and short communications concerning the following:

- Possible applications and performance evaluation (in terms of accuracy, precision, conservatism, inter-assessor/inter-rater reliability, etc.) of exposure modelling tools;
- Case studies concerning exposure assessment in occupational settings by means of modelling tools for inhalation or dermal exposure to chemicals;
- Design, development, and improvement of new exposure modelling tools or of new features of modelling tools conceived and specifically designed for occupational exposure to chemicals.

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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

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