

Special Issue

Intersection of Risk Assessment, Exposure Science, and Epidemiology: Issues and Path Forward

Message from the Guest Editors

Environmental epidemiology and exposure research provide critical information for assessing risk factors for health outcomes. Only infrequently are these data used in risk assessments to support public health decision-making. But this can change. With new restrictions on animal testing, the use of human studies for risk assessment will become increasingly important. At the same time, risk assessors are advancing the approaches used to evaluate human studies, and these evaluations determine whether the studies will suffice for public health decisions. Calls for enhancing the use of human research for risk assessment have been made for over 20 years, but in today's climate, the importance of this subject has grown and warrants new ideas and approaches. What are the barriers to using epidemiology information in risk assessment? What are the barriers to dialogue across disciplines? What new ideas can help to overcome these barriers? Papers addressing ideas around the epidemiology–exposure–risk assessment intersection and approaches for enhancing the translation of human research into public health decisions are invited for this Special Issue.

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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. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed 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 journal.

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