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Environmental melamine exposure and renal diseases

Melamine chemical is still ubiquitously present in our environment, even after the 2008 melamine incident in China that caused kidney-related diseases and kidney failure in children due to a large amount of melamine intake. Our previous study has found that low-dose melamine exposure is associated with the risk of renal stones in adults, but the relationship between environmental melamine exposure and the risk of renal damage in adults has not been explored. In this talk, I will present our recent findings about that link by using one unique occupational population: melamine tableware manufacturing workers. In the meantime, I will illustrate how to prevent against environmental melamine exposure.

Biography

Ming-Tsang Wu has completed his MD from Chung Shan Medical University in Taiwan and PhD from Harvard School of Public Health in the USA. He is a full professor in the Department of Public Health and the Director in Research Center for Environmental Medicine, Kaohsiung Medicine University, Taiwan. His major research interest is on the interactive effects of environmental and occupational exposures, genetic factors and biomarkers on the health outcomes.

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