

20th World Congress on

TOXICOLOGY AND PHARMACOLOGY

May 06-07, 2019 Tokyo, Japan



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Environmental melamine exposure and renal diseases

We are still exposed to low-dose melamine in daily-life environment, even after 2008 toxic milk food scandal. One of the main sources is the intake of melamine chemical from the migration of melamine-made tableware, when contacted with high-temperature soup/water. Our previous study has found that chronic low-dose melamine exposure is associated with the risk of renal stones in adults, but the data about the relationship between environmental melamine exposure and the risk of renal damage in humans is still lacking. In this talk, I will present our recent findings about that link from different susceptible populations and propose the mechanisms behind that.

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 Professor in the Department of Public Health and also 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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