

大會專題演講

Exposome monitoring using wearable passive samplers reveals contribution of consumer products to emerging chemical exposures in a preconception cohort study

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Abstract

In the United States (U.S.), approximately 15% of couples experience infertility and 20% experience miscarriage. Environmental chemical exposures, particularly endocrine disrupting chemicals (EDCs) from consumer products, may contribute to reproductive health challenges. This study characterized personal chemical exposures among couples trying to conceive, identified lifestyle determinants of exposure, and evaluated sex-specific exposure patterns within couples. During January through October 2021, we deployed …….

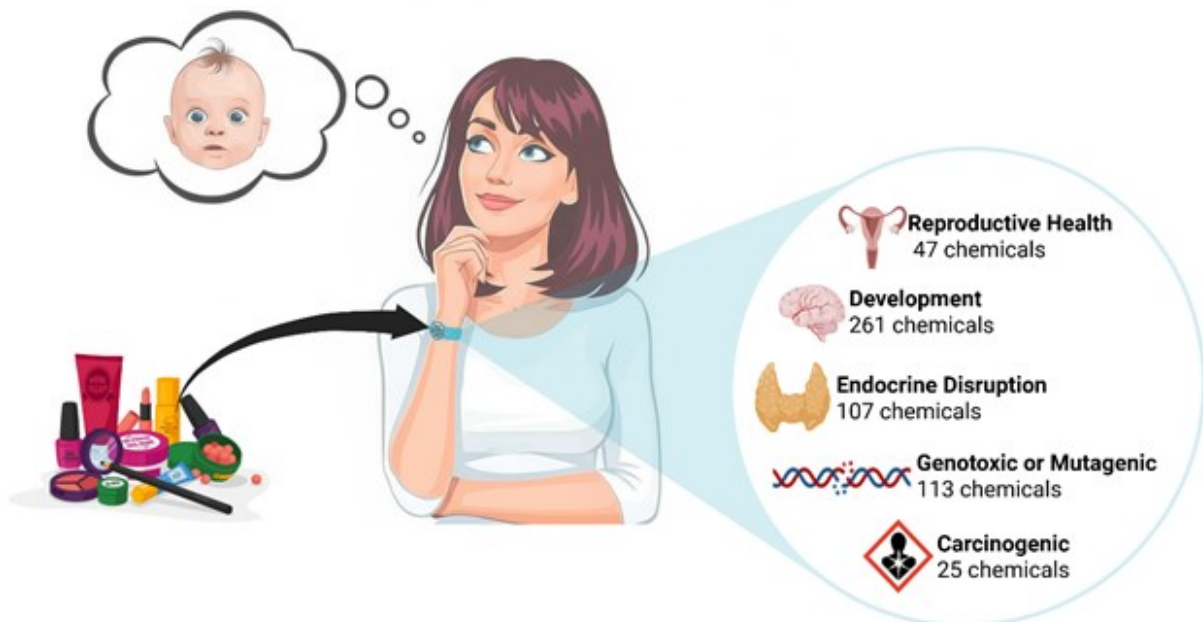


Figure 1. Wristband Technology Reveals Exposure to Over 490 Chemicals, Many Potentially Impacting Fertility and Miscarriage