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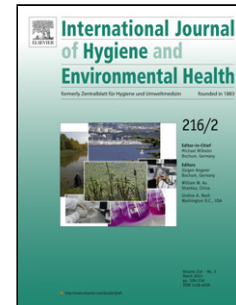
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Decreasing Urinary Organophosphate Pesticides Metabolites among Pregnant Women and their Offspring in Jerusalem: Impact of Regulatory Restrictions on Agricultural OP Use?

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Abstract

Introduction: Maternal urinary levels of dialkyl phosphate (DAP) metabolites of organophosphate pesticides (OPs) during pregnancy are associated with adverse outcomes in the offspring. Between 2012 and 2014, eighteen active OP ingredients were restricted or banned in Israel for agricultural use.

Aim: We aimed to study trends of urinary DAP metabolites among pregnant women and their offspring in the era of the new regulations.

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