### Author's Accepted Manuscript

Adipose tissue levels of polybrominated diphenyl ethers and breast cancer risk in Chinese women: a case–control study

Yuanfang He, Lin Peng, Wancong Zhang, Caixia Liu, Qingtao Yang, Shukai Zheng, Mian Bao, Yuanni Huang, Kusheng Wu



ww.elsevier.com/locate/envres

# PII: S0013-9351(18)30371-2 DOI: https://doi.org/10.1016/j.envres.2018.07.009 Reference: YENRS7993

To appear in: Environmental Research

Received date: 18 January 2018 Revised date: 3 July 2018 Accepted date: 4 July 2018

Cite this article as: Yuanfang He, Lin Peng, Wancong Zhang, Caixia Liu, Qingtao Yang, Shukai Zheng, Mian Bao, Yuanni Huang and Kusheng Wu, Adipose tissue levels of polybrominated diphenyl ethers and breast cancer risk in Chinese women: a case–control study, *Environmental Research*, https://doi.org/10.1016/j.envres.2018.07.009

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

#### **ACCEPTED MANUSCRIPT**

## Adipose tissue levels of polybrominated diphenyl ethers and breast cancer risk in Chinese women: a case–control study

Yuanfang He<sup>a</sup>, Lin Peng<sup>b</sup>, Wancong Zhang<sup>c</sup>, Caixia Liu<sup>a</sup>, Qingtao Yang<sup>a</sup>, Shukai Zheng<sup>a</sup>, Mian Bao<sup>a</sup>, Yuanni Huang<sup>a</sup>, Kusheng Wu<sup>a,\*</sup>

<sup>a</sup> Department of Preventive Medicine, Shantou University Medical College, Shantou 515041, Guangdong, China

<sup>b</sup> Clinical Laboratory, Cancer Hospital of Shantou University Medical College, Shantou 515041, Guangdong, China

<sup>c</sup> Cleft Lip and Palate Treatment Center, The Second Affiliated Hospital of Shantou University Medical College, Shantou 515041, Guangdong, China

\*Corresponding author: Department of Preventive Medicine, Shantou University Medical College, No.22, Xinling Rd. Shantou 515041, Guangdong, China, Tel.: 86-754-88900445; fax:

86-754-88557562, kswu@stu.edu.cn

#### Abstract

Polybrominated diphenyl ethers (PBDEs) are suspected to be associated with breast cancer risk because of their estrogenic potencies. Epidemiological studies of PBDEs and breast cancer are scarce. Our study aimed to estimate the association between adipose-tissue PBDE concentrations and breast cancer risk. A total of 209 breast cancer cases and 165 controls were recruited from hospitals

Download English Version:

## https://daneshyari.com/en/article/8868767

Download Persian Version:

https://daneshyari.com/article/8868767

Daneshyari.com