

Accepted Manuscript

Assessing hazardous risks of indoor airborne polycyclic aromatic hydrocarbons in the kitchen and its association with lung functions and urinary PAH metabolites in kitchen workers

Amarnath Singh, Chandrasekharan Nair Kesavachandran, Ritul Kamal, Vipin Bihari, Manoj Kumar Gupta, Mohana Krishna Reddy Mudiam, Gubbala Naga Venkata Satyanarayana, Abhay Raj, Izharul Haq, Nishi Kumar Shukla, Altaf Husain Khan, Anup Kumar Srivastava

PII: S0009-8981(15)30057-7
DOI: doi: [10.1016/j.cca.2015.11.020](https://doi.org/10.1016/j.cca.2015.11.020)
Reference: CCA 14179

To appear in: *Clinica Chimica Acta*

Received date: 22 July 2015
Revised date: 31 October 2015
Accepted date: 21 November 2015



Please cite this article as: Singh Amarnath, Kesavachandran Chandrasekharan Nair, Kamal Ritul, Bihari Vipin, Gupta Manoj Kumar, Mudiam Mohana Krishna Reddy, Satyanarayana Gubbala Naga Venkata, Raj Abhay, Haq Izharul, Shukla Nishi Kumar, Khan Altaf Husain, Srivastava Anup Kumar, Assessing hazardous risks of indoor airborne polycyclic aromatic hydrocarbons in the kitchen and its association with lung functions and urinary PAH metabolites in kitchen workers, *Clinica Chimica Acta* (2015), doi: [10.1016/j.cca.2015.11.020](https://doi.org/10.1016/j.cca.2015.11.020)

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 proof before it is published in its final 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.

Assessing hazardous risks of indoor airborne polycyclic aromatic hydrocarbons at kitchen and its association with lung functions and urinary PAHs metabolites in kitchen workers

Amarnath Singh^a, Chandrasekharan Nair Kesavachandran^{a*}, Ritul Kamal^a, Vipin Bihari^a, Manoj Kumar Gupta^b, Mohana Krishna Reddy Mudiam^b, Gubbala Naga Venkata Satyanarayana^b, Abhay Raj^c, Izharul Haq^c, Nishi Kumar Shukla^d, Altaf Husain Khan^d, Anup Kumar Srivastava^{a,e}

^aEpidemiology Division, CSIR-Indian Institute of Toxicology Research, Lucknow, India,

^bAnalytical Chemistry Division, CSIR-Indian Institute of Toxicology Research, Lucknow,

India, ^cEnvironmental Microbiology Division, CSIR-Indian Institute of Toxicology Research,

Lucknow, India, ^dEnvironmental Monitoring Division, CSIR-Indian Institute of Toxicology

Research, Lucknow, India, ^{a,e} Dept. of Community Medicine, Hind Institute of Medical Sciences,

Near Canal, Safedabad, Greater Lucknow, U.P. India

*Corresponding address: Principal Scientist, Epidemiology Division, CSIR-Indian Institute of Toxicology Research, PB No 80, MG Marg, Lucknow, U.P, India 226001,

Email: ckesavachandran@gmail.com

Download English Version:

<https://daneshyari.com/en/article/8310560>

Download Persian Version:

<https://daneshyari.com/article/8310560>

[Daneshyari.com](https://daneshyari.com)