

UC Office of the President

Recent Work

Title

Corrigendum to “Whole body exposure of mice to secondhand smoke induces dose-dependent and persistent promutagenic DNA adducts in the lung” [Mutat. Res. 716 (1-2) (2011) 92-98]

Permalink

<https://escholarship.org/uc/item/0j88x3st>

Authors

Kim, Sang-In
Arlt, Volker M
Yoon, Jae-In
et al.

Publication Date

2013-05-01

DOI

10.1016/j.mrfmmm.2013.03.002

Copyright Information

This work is made available under the terms of a Creative Commons Attribution-NonCommercial License, available at <https://creativecommons.org/licenses/by-nc/4.0/>

Peer reviewed

Corrigendum

Corrigendum to “Whole body exposure of mice to secondhand smoke induces dose-dependent and persistent promutagenic DNA adducts in the lung” [Mutat. Res. 716 (1–2) (2011) 92–98]
Sang-In Kim ^a, Volker M. Arlt ^b, Jae-In Yoon ^a, Kathleen J. Cole ^b, Gerd P. Pfeifer ^a, David H. Phillips ^b, Ahmad Besaratinia ^{a,*}

^a Department of Cancer Biology, Beckman Research Institute of the City of Hope, 1500 East Duarte Road, Duarte, CA 91010, USA; ^b Section of Molecular Carcinogenesis, Institute of Cancer Research, Brookes Lawley Building, Sutton, Surrey SM2 5NG, UK

The authors would like to point out that the autoradiogram in panel F of Fig. 3 showing the DNA adduct profile in lung of ‘4-month SHS exposed mice + one month recovery’ is incorrect, and should be replaced with the revised figure. The quantitative determination of DNA adducts remains unchanged. The authors confirm that this error does not materially affect the presentation of the data or interpretation of results. The authors would like to apologise for any inconvenience caused.

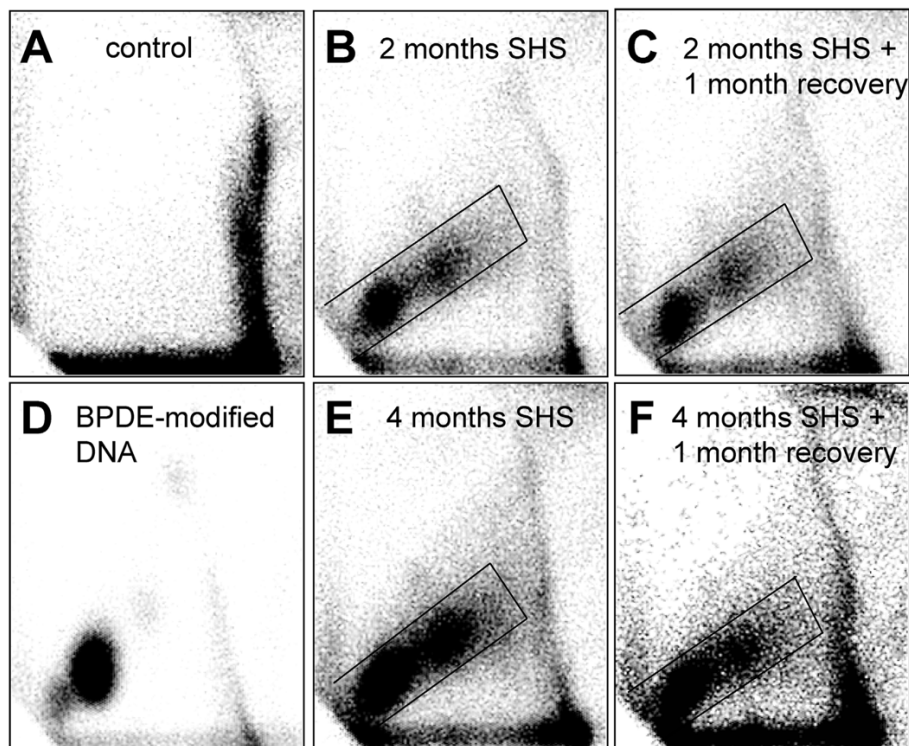


Fig. 3. Qualitative determination of DNA adducts in the lungs of SHS-exposed mice and controls. Representative chromatograms of the ³²P-postlabeled DNA adducts in the lungs of SHS-exposed mice and controls: (A) control group, (B) 2-months SHS-exposure group, (C) 2-months SHS-exposure + one month recovery group, (D) benzo[a]pyrenediol-epoxide-DNA standard (on average around 75 adducts/108 nucleotides), (E) 4-months SHS-exposure group and (F) 4-months SHS-exposure + one month recovery group.