

Accepted Manuscript

Title: Cardiovascular health effects of oral and pulmonary exposure to multi-walled carbon nanotubes in ApoE-deficient mice

Author: Daniel V. Christophersen Nicklas R. Jacobsen Maria H.G. Andersen Shea P. Connell Kenneth K. Barfod Morten B. Thomsen Mark R. Miller Rodger Duffin Jens Lykkesfeldt Ulla Vogel Håkan Wallin Steffen Loft Martin Roursgaard Peter Møller



PII: S0300-483X(16)30238-4
DOI: <http://dx.doi.org/doi:10.1016/j.tox.2016.10.003>
Reference: TOX 51763

To appear in: *Toxicology*

Received date: 9-9-2016
Revised date: 4-10-2016
Accepted date: 6-10-2016

Please cite this article as: Christophersen, Daniel V., Jacobsen, Nicklas R., Andersen, Maria H.G., Connell, Shea P., Barfod, Kenneth K., Thomsen, Morten B., Miller, Mark R., Duffin, Rodger, Lykkesfeldt, Jens, Vogel, Ulla, Wallin, Håkan, Loft, Steffen, Roursgaard, Martin, Møller, Peter, Cardiovascular health effects of oral and pulmonary exposure to multi-walled carbon nanotubes in ApoE-deficient mice. *Toxicology* <http://dx.doi.org/10.1016/j.tox.2016.10.003>

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.

Cardiovascular health effects of oral and pulmonary exposure to multi-walled carbon nanotubes in ApoE-deficient mice

Daniel V. Christophersen^a, Nicklas R. Jacobsen^b, Maria H. G. Andersen^a, Shea P. Connell^c, Kenneth K. Barfod^b, Morten B. Thomsen^d, Mark R. Miller^c, Rodger Duffin^e, Jens Lykkesfeldt^f, Ulla Vogel^{b, g}, Håkan Wallin^{a, b}, Steffen Loft^a, Martin Roursgaard^a, Peter Møller^{a*}

^aDepartment of Public Health, Section of Environmental Health, University of Copenhagen, Øster Farimagsgade 5A, DK-1014 Copenhagen K, Denmark.

^bThe National Research Centre for the Working Environment, Lersø Parkalle 105, 2100 Copenhagen, Denmark.

^cCentre for Cardiovascular Science, University of Edinburgh, Edinburgh, United Kingdom.

^dDepartment of Biomedical Sciences, Heart and Circulatory Research Section, Faculty of Health Sciences, University of Copenhagen, Blegdamsvej 3 Building 12.5, DK-2200 Copenhagen N, Denmark.

^eMRC/University of Edinburgh, Centre for Inflammation Research, Edinburgh, United Kingdom.

^fDepartment of Veterinary Disease Biology, Faculty of Health and Medical Sciences, University of Copenhagen, Ridebanevej 9, DK1870 Frederiksberg C, Denmark.

^gDepartment of Micro- and Nanotechnology, Technical University of Denmark, DK-2800 Kgs. Lyngby, Denmark.

* Corresponding author: Department of Public Health, Section of Environmental Health, University of Copenhagen, Øster Farimagsgade 5A, DK-1014 Copenhagen K, Denmark, email: Pemo@sund.ku.dk

Running title: Cardiovascular effects after exposure to MWCNTs

Download English Version:

<https://daneshyari.com/en/article/5561922>

Download Persian Version:

<https://daneshyari.com/article/5561922>

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