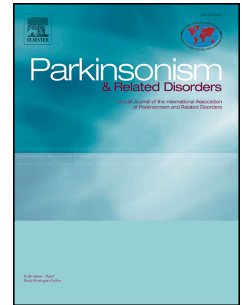


# Accepted Manuscript

Inducible nitric oxide synthase gene methylation and parkinsonism in manganese-exposed welders

Susan Searles Nielsen, Harvey Checkoway, Susan R. Criswell, Federico M. Farin, Patricia L. Stapleton, Lianne Sheppard, Brad A. Racette



PII: S1353-8020(15)00027-9

DOI: [10.1016/j.parkreldis.2015.01.007](https://doi.org/10.1016/j.parkreldis.2015.01.007)

Reference: PRD 2553

To appear in: *Parkinsonism and Related Disorders*

Received Date: 7 October 2014

Revised Date: 1 January 2015

Accepted Date: 11 January 2015

Please cite this article as: Nielsen SS, Checkoway H, Criswell SR, Farin FM, Stapleton PL, Sheppard L, Racette BA, Inducible nitric oxide synthase gene methylation and parkinsonism in manganese-exposed welders, *Parkinsonism and Related Disorders* (2015), doi: 10.1016/j.parkreldis.2015.01.007.

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.

## Inducible nitric oxide synthase gene methylation and parkinsonism in manganese-exposed welders

Susan Searles Nielsen<sup>a,b,\*</sup>, Harvey Checkoway<sup>c</sup>, Susan R. Criswell<sup>d</sup>, Federico M. Farin<sup>b</sup>,  
Patricia L. Stapleton<sup>b</sup>, Lianne Sheppard<sup>b,e</sup>, Brad A. Racette<sup>d,f</sup>

<sup>a</sup>*University of Washington, Department of Neurology, Seattle, WA, USA*

<sup>b</sup>*University of Washington, Department of Environmental and Occupational Health Sciences, Seattle, WA, USA*

<sup>c</sup>*University of California San Diego, Department of Family and Preventive Medicine, La Jolla, CA, USA*

<sup>d</sup>*Washington University, Department of Neurology, St. Louis, MO, USA*

<sup>e</sup>*University of Washington, Department of Biostatistics, Seattle, WA, USA*

<sup>f</sup>*University of the Witwatersrand, School of Public Health, Parktown, South Africa*

**\*Corresponding author.** University of Washington, Department of Neurology, Box 359775, Seattle, WA, USA 98195-9775. Tel: +1 206 744 3251; fax: +1 206 744 8787.  
*E-mail address:* ssn@uw.edu (S. Searles Nielsen [Double family name]).

**Running Head:** iNOS methylation and parkinsonism

**Word Count:** Abstract 209, main text 3152, 3 tables, 1 figure (color not required), 32 references

Download English Version:

<https://daneshyari.com/en/article/10745055>

Download Persian Version:

<https://daneshyari.com/article/10745055>

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