

## Accepted Manuscript

Title: Slower nicotine metabolism among postmenopausal Polish smokers

Authors: Leon Kosmider, Marcin Delijewski, Bartosz Koszowski, Andrzej Sobczak, Neal L. Benowitz, Maciej L. Goniewicz



PII: S1734-1140(17)30224-4  
DOI: <https://doi.org/10.1016/j.pharep.2017.11.009>  
Reference: PHAREP 819

To appear in:

Received date: 23-3-2017  
Revised date: 16-11-2017  
Accepted date: 21-11-2017

Please cite this article as: Leon Kosmider, Marcin Delijewski, Bartosz Koszowski, Andrzej Sobczak, Neal L. Benowitz, Maciej L. Goniewicz, Slower nicotine metabolism among postmenopausal Polish smokers (2010), <https://doi.org/10.1016/j.pharep.2017.11.009>

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 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.

## Slower nicotine metabolism among postmenopausal Polish smokers

## Slower nicotine metabolism among postmenopausal Polish smokers

Leon Kosmider<sup>1,2</sup>, Marcin Delijewski<sup>3</sup>, Bartosz Koszowski<sup>4</sup>, Andrzej Sobczak<sup>1,5</sup>, Neal L. Benowitz<sup>6</sup>, Maciej L. Goniewicz<sup>7</sup>

<sup>1</sup> *Department of General and Inorganic Chemistry, School of Pharmacy with the Division of Laboratory Medicine in Sosnowiec, Medical University of Silesia, Katowice, Poland*

<sup>2</sup> *Department of Pharmaceutics, School of Pharmacy, Virginia Commonwealth University and affiliated with Center for the Study of Tobacco Products, Virginia Commonwealth University, Richmond, USA*

<sup>3</sup> *Department of Pharmacology, School of Medicine with the Division of Dentistry in Zabrze, Medical University of Silesia, Katowice, Poland*

<sup>4</sup> *Battelle Public Health Center for Tobacco Research, Baltimore, USA*

<sup>5</sup> *Institute of Occupational Medicine and Environmental Health and Medical University of Silesia, Sosnowiec, Poland*

<sup>6</sup> *Division of Clinical Pharmacology and Experimental Therapeutics, Department of Medicine, University of California, San Francisco, USA*

<sup>7</sup> *Department of Health Behavior, Roswell Park Cancer Institute, Buffalo, USA*

### Corresponding author:

Leon Kosmider – *Medical University of Silesia*

*e-mail: leon.kosmider@gmail.com*

### Acknowledgements

The study was supported by the Medical University of Silesia grants KNW-2-185/09 and KNW-2-185/09 (MLG), the Flight Attendants Medical Research Institute and National Institutes of Health grants R25 CA113710 (NLB) and P30 CA016056 (MLG). We thank Lisa Yu and Tricia Mao for assistance with laboratory analysis. LK is supported by the National Institute on Drug Abuse of the National Institutes of Health under Award Number P50DA036105 and the Center for Tobacco Products of the

Download English Version:

<https://daneshyari.com/en/article/8349570>

Download Persian Version:

<https://daneshyari.com/article/8349570>

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