



OPEN ACCESS

APPROVED BY
Frontiers Editorial Office,
Frontiers Media SA, Switzerland

*CORRESPONDENCE
Pavel Rossner,
✉ pavel.rossner@iem.cas.cz
Antonin Ambroz,
✉ antonin.ambroz@iem.cas.cz

[†]Deceased 2022-10-29

RECEIVED 19 June 2025
ACCEPTED 26 June 2025
PUBLISHED 04 July 2025

CITATION

Ambroz A, Klema J, Rossnerova A, Milcova A, Pastorkova A, Pulkrabova J, Parizek O, Gomersall V, Gramblicka T, Zelenka J, Ruml T, Vrzackova N, Veleminsky M, Hasan N, Topinka J, Sram RJ and Rossner P (2025) Correction: Associations of environmental pollution with pro-oxidant, antioxidant and inflammatory markers in pregnant mothers and newborns. *Front. Toxicol.* 7:1650125. doi: 10.3389/ftox.2025.1650125

COPYRIGHT

© 2025 Ambroz, Klema, Rossnerova, Milcova, Pastorkova, Pulkrabova, Parizek, Gomersall, Gramblicka, Zelenka, Ruml, Vrzackova, Veleminsky, Hasan, Topinka, Sram and Rossner. This is an open-access article distributed under the terms of the [Creative Commons Attribution License \(CC BY\)](#). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.

Correction: Associations of environmental pollution with pro-oxidant, antioxidant and inflammatory markers in pregnant mothers and newborns

Antonin Ambroz^{1*}, Jiri Klema², Andrea Rossnerova¹, Alena Milcova¹, Anna Pastorkova¹, Jana Pulkrabova³, Ondrej Parizek³, Veronika Gomersall³, Tomas Gramblicka³, Jaroslav Zelenka⁴, Tomas Ruml⁴, Nikola Vrzackova⁴, Milos Veleminsky^{5,6}, Newroz Hasan⁷, Jan Topinka¹, Radim J. Sram^{1†} and Pavel Rossner^{1*}

¹Department of Toxicology and Molecular Epidemiology, Institute of Experimental Medicine CAS, Prague, Czechia, ²Department of Computer Science, Faculty of Electrical Engineering, Czech Technical University in Prague, Prague, Czechia, ³Department of Food Analysis and Nutrition, Faculty of Food and Biochemical Technology, University of Chemistry and Technology, Prague, Czechia, ⁴Department of Biochemistry and Microbiology, Faculty of Food and Biochemical Technology, University of Chemistry and Technology, Prague, Czechia, ⁵Faculty of Health and Social Sciences, University of South Bohemia, Ceske Budejovice, Czechia, ⁶Department of Obstetrics and Gynaecology, Hospital Ceske Budejovice, Ceske Budejovice, Czechia, ⁷Department of Obstetrics and Gynaecology, Hospital Karvina-Raj, Karvina, Czechia

KEYWORDS

environmental pollution, maternal exposure to newborn, oxidative DNA damage, lipid peroxidation, antioxidant response and inflammatory cytokines

A Correction on

[Associations of environmental pollution with pro-oxidant, antioxidant and inflammatory markers in pregnant mothers and newborns](#)

by Ambroz A, Klema J, Rossnerova A, Milcova A, Pastorkova A, Pulkrabova J, Parizek O, Gomersall V, Gramblicka T, Zelenka J, Ruml T, Vrzackova N, Veleminsky M, Hasan N, Topinka J, Sram RJ, and Rossner P (2025). *Front. Toxicol.* 7:1572486. doi: 10.3389/ftox.2025.1572486

The funder, “project National Institute for Cancer Research (Programme EXCELES - Funded by the European Union – Next Generation EU supported this work, ID Project No. LX22NPO5102)” was erroneously omitted.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

Publisher's note

All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated organizations, or those of the publisher, the editors and the reviewers. Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed or endorsed by the publisher.