



toxics



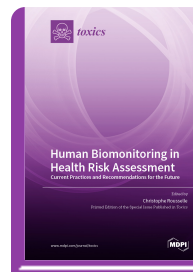
Special Issue Reprint

Human Biomonitoring in Health Risk Assessment

www.mdpi.com/books/reprint/7111

Edited by
Christophe Rousselle

ISBN 978-3-0365-7004-4 (Hardback)
ISBN 978-3-0365-7005-1 (PDF)



Europe's zero-pollution agenda should depart from an understanding of how the European citizens' bodies are polluted by synthetic chemicals and prioritize the reduction of the chemical body burden and associated health impacts. In this context, Human Biomonitoring (HBM) is an important and valuable tool for assessing the internal exposure of humans resulting from aggregated exposure to chemicals. Though many obstacles still hinder the use of HBM data, the growing availability of HBM data offers an opportunity for improving and refining Human Risk Assessment. This Special Issue intends to illustrate, using case studies, how HBM data could be used to better estimate internal exposure and resulting risks. Case studies on exposure from consumer products (cosmetic products, non-food products, etc.) or exposures via food or water in the general population or among workers contributed to better identifying the obstacles hindering a broader use of HBM data in RA. A better understanding of population exposure and the exposure of vulnerable groups against health-based human biomonitoring guidance values also provides the basis for effective risk management to reduce impacts on health. I would like to thank all the authors for submitting their original contributions to this Special Issue. We greatly appreciate the support of all the reviewers who spent time evaluating and improving the quality of the manuscripts. I would also like to thank the editors of *Toxics* for their kind invitation and Selena Li of the *Toxics* Editorial Office for her invaluable support.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/7111

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.