



Toxicity of Cosmetic and Cosmeceutics Formulations

Guest Editor:

Dr. Iulia Pinzaru

1. Department of Toxicology and
Drug Industry, Faculty of
Pharmacy, Victor Babeş
University of Medicine and
Pharmacy Timișoara, 2 Eftimie
Murgu Street, 300041 Timișoara,
Romania

2. Research Center for
Pharmaco-Toxicological
Evaluations, Faculty of
Pharmacy, Victor Babeş
University of Medicine and
Pharmacy Timișoara, 2 Eftimie
Murgu Square, 300041 Timisoara,
Romania

Deadline for manuscript
submissions:

closed (31 August 2021)

Message from the Guest Editor

The cosmetics industry is in a continuous development based on the extraordinarily high consumption of cosmetics. Despite the visible benefits of these products, more and more invisible risks, mostly related to toxicity, are being reported. Firstly, the composition of cosmetics and cosmeceutics involves the addition of chemical compounds that increase their value, quality, lifespan, etc. Secondly, nanotechnology is beginning to be present in a plethora of cosmetics, and the health risks are not detailed enough. Thirdly, safe testing of cosmetics oscillates between in vitro methods, reconstructed human tissue models, and the selection of human volunteers, without a mandatory reference mark. Last but not least, cosmetovigilance is not as extensive as it should be due to incomplete and evasive legislation. Consequently, the use of cosmetics represents a public health problem considering the toxic reactions they can generate, from mild hypersensitivity to lethal intoxication, and the biological risks (cytotoxicity, mutagenicity, neurotoxicity, etc.) must be carefully analyzed.





toxics



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Demetrio Raldúa

Department Environmental
Chemistry, IDAEA-CSIC, Jordi
Girona 18, 08034 Barcelona,
Spain

Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [Embase](#), [CAPus / SciFinder](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q1 (*Toxicology*) / CiteScore - Q2 (*Chemical Health and Safety*)

Contact Us

Toxics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/toxics
toxics@mdpi.com
X@Toxics_MDPI