



an Open Access Journal by MDPI

# **Biomonitoring of Elements in Wildlife Animals**

Guest Editors:

#### Dr. Maja Lazarus

Analytical Toxicology and Mineral Metabolism Unit, Institute for Medical Research and Occupational Health, Ksaverska cesta 2, P.O. Box 291, HR-10001 Zagreb, Croatia

#### Dr. Zorana Kljaković-Gašpić

Analytical Toxicology and Mineral Metabolism Unit, Institute for Medical Research and Occupational Health, 10001 Zagreb, Croatia

#### Prof. Dr. Jerzy Falandysz

Department of Toxicology, Faculty of Pharmacy Medical, University of Lodz, 1 Muszyńskiego Street, 90-151 Lodz, Poland

Deadline for manuscript submissions: closed (10 December 2022)

#### Message from the Guest Editors

Due to the wide spectrum of affected systems and organs following acute or chronic exposure to nonessential elements, some of which can adversely also affect progeny after maternal exposure, hazards have been seen on both individual and population levels.

The resulting pollution-driven threat to species (e.g., raptors, predatory mammals), amplified with high trophic position, prompted the need for multidisciplinary projects incorporating exposure source identification (genetic and fingerprinting). spatial and isotopic temporal contamination trends. evaluation of effects by standardization/confirmation of sensitive biomarkers. Addressing important variables affecting element level and their effects in wildlife (age, sex, morphology, reproductive period, genetics, habitat attributes, etc.) has proven essential in biomonitoring.

We invite you to contribute and enrich the respective area for this Special Issue of Toxics titled "Biomonitoring of Elements in Wildlife Animals".

**Special**sue



mdpi.com/si/111803





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, CAPlus / 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