

## Special Issue

# Heavy Metal Environmental Contaminants in Food

### Message from the Guest Editors

Heavy and semi-metals are toxic to organisms at concentrations above the critical threshold; however, some of them at lower concentrations such as copper (Cu), zinc (Zn), manganese (Mn), iron (Fe) and selenium (Se) are essential for metabolic processes. It is worth realizing how important the processes of bioaccumulation and biomagnification of heavy metals and their influence on food products are. Water and soil and their contamination are equally important. Contaminants occurring there penetrate plants, which are food for humans and animals. Consequently, they become a source of animal protein for humans. Water, soil, plants and animals can all contribute to the over-regulated supply of heavy metals. Rarely do we really pay attention to the place of origin of a product, and those who deal with this topic know how important it is. It is worth knowing the state of metal contamination of numerous food products from different parts of the world. It is important to know when particularly toxic metals may be present in the products you consume.

### Guest Editors

Dr. Joanna Łuczyńska

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### Deadline for manuscript submissions

closed (30 November 2021)



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Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

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### Editor-in-Chief

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